



HP Product Catalogue

Networking

Россия

May 2013



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Welcome to the HP Product Guide. The latest edition will ensure that you have access to a definitive and detailed guide to our world-beating product portfolio.

Pricing Notes

Within the guide, we have quoted List Prices (LP). This will provide an indication of the typical buying price that you will pay for HP products.

Please be aware that these prices do not represent suggested retail prices. The prices quoted within this guide do not include the current rate of VAT or any other localised tax that may be applicable.

Your HP supplier will be able to provide the actual price that you will pay for all your specific requirements.

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No contractual relationship shall arise until a formal contract has been concluded between the parties.



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What is Top Config?

HP's Top Config is an online build-to-customer-order program which simplifies the configuration, quote and order processes, delivering exactly the PC the customer wants at a competitive price in a reduced time.

HP's channel partners benefit from suitable availability without requiring specific in-house resources and, at the same time, achieve a better margin. The program is expanding to include corporate notebooks and industry standard servers throughout FY05.

1) Through Top Config, HP's objective is to achieve direct-like agility and operational efficiency with the reach, convenience, services and personalization of the channel.

2) HP's Top Config program means customers get products configured to match their needs with the serviceability and reliability associated with using their trusted HP partners ? at a highly competitive price and with fast turnaround time.

3) Top Config is one of our key channel go-to-market drivers.

Whilst it boasts direct-like agility, all orders are through our channel partners. Top Config is a key differentiator HP and our partners can bring to customers.

Value for Customer

? Configuration I want

? From my trusted reseller

? Competitive Pricing

? 10day SLA



Value for Partner

- ? No Inventory
- ? On-line configuration
- ? Bundling & Up selling capabilities
- ? Lower Distribution costs

Top Value

HP's Top Value programme offers a comprehensive line up of HP products at an upfront competitive price.

HP manages the inventory by working closely with HP Top Value partners to ensure that the great products are always in stock.

This makes Top Value a valuable tool for your customers as they can purchase a Top Value product at a competitive price and have it delivered next day!

HP 1405 Small Office Switch Series consists of plug-and-play unmanaged 5-, 8-, and 16-port Layer 2 switches designed for small offices, in both Gigabit and Fast Ethernet configurations. The switches are preconfigured for fast, easy installation, with connections using low-cost Ethernet copper cabling. They support administration-friendly features such as auto-negotiation and automatic



HP 1405 Small Office Switch Series

Standard features

- **Quality of Service (QoS)**

IEEE 802.1p prioritization with DSCP: v2 devices deliver data to devices based on the priority and type of traffic using Differentiated Services Code Point (DSCP)

- **Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports

- **Performance**

Half-/Full-duplex auto-negotiating capability on every port: doubles the throughput of every port

- **Ease of use**

Flow control: helps ensure reliable communications during full-duplex operation

- **Flexibility**

Fanless design: enables quiet operation for deployment in open spaces (selected models)

- General protocols: IEEE 802.1p Priority; IEEE 802.3az Energy Efficient Ethernet; IEEE 802.3x Flow Control

- Input voltage: 100-240 VAC

- Input frequency: 50/60 Hz

- Mounting: Desktop (rear port)

Standard Models	Part number	wc	lp
HP 1405-5 v2 Switch	J9791A	7R	\$29.00
HP 1405-8 v2 Switch	J9793A	7R	\$41.00
HP 1405-5G v2 Switch	J9792A	7R	\$49.00
HP 1405-8G v2 Switch	J9794A	7R	\$72.00
Настольный коммутатор HP V1405-16	JD858A	7R	\$72.00
Настольный коммутатор HP V1405-16G	JD844A	7R	\$183.00
HP V1405-8 Switch 25-pack	JD862A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Next business day Exchange Plus HP 14xx Switch Support	U6N99E	\$8.00
HP 1 year Post Warranty Next business day Exchange Networks HP 14xx Switch products Service	U4M85PE	\$8.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

- **7R**

Warranty period - 3 Years
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

HP 1410 series switches are unmanaged Gigabit Ethernet and Fast Ethernet switches designed for small businesses looking for entry-level, low-cost networking solutions with a lifetime warranty. The HP 1410 switch series consists of seven models with flexible mounting options that allow customers to choose the best switch to meet their network switching needs. All models have QoS support and



HP 1410 Switch Series

Standard features

- Quality of Service (QoS)**
 IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic
- Connectivity**
 Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports
- Performance**
 Energy-efficient Ethernet support (J9662A and J9663A only): supports new IEEE 802.3az standard; allows lower power consumption when operated with IEEE-compliant client devices in 100 Mb/s mode only
- Ease of use**
 Unmanaged: provides plug-and-play simplicity
- Flexibility**
 Fanless design: enables quiet operation for deployment in open spaces (selected models)
- General protocols: IEEE 802.1p Priority; IEEE 802.3ab 1000BASE-T Gigabit Ethernet over twisted pair (10/100/1000 models only); IEEE 802.3i 10BASE-T Ethernet over twisted pair; IEEE 802.3u 100BASE-TX Fast Ethernet, 100BASE-FX with autonegotiation; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X Gigabit Ethernet over fiber (10/100/1000 models only)
- Communications: General protocols: IEEE 802.1p Priority; IEEE 802.3x Flow Control
- Input frequency: 50/60 Hz

Standard Models	Part number	wc	lp
HP 1410-8 Switch	J9661A	9R	\$56.00
HP 1410-8G Switch	J9559A	9R	\$77.00
HP 1410-16 Switch	J9662A	9R	\$93.00
HP 1410-24 Switch	J9663A	9R	\$123.00
HP 1410-16G Switch	J9560A	9R	\$183.00
HP 1410-24-2G Switch	J9664A	9R	\$189.00
HP 1410-24G Switch	J9561A	9R	\$252.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Next business day Exchange Plus HP 1400-8G Switch Support	U6P04E	\$8.00
HP 1 year Next business day Exchange Plus HP 1400-24 Switch Support	U6P05E	\$8.00
HP 1 year 4-Hour Exchange Plus HP 1400-24 Switch Support	U6N66E	\$15.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

- 9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

HP IntelliJack Gigabit switches are compact 10/100/1000 switches that can be installed in a standard wall outlet box, quickly converting an existing single-port LAN wall outlet into four switched Gigabit Ethernet ports. These “network jacks” provide a simple solution for adding network ports without running more cabling. Unlike conventional desktop switches, HP IntelliJack



HP IntelliJack Gigabit Switch Series

Standard features

- **Quality of Service (QoS)**
IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic
- **Connectivity**
Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports
- **Performance**
Half-/Full-duplex autonegotiating capability on every port: doubles the throughput of every port
- **Resiliency and high availability**
IEEE 802.3ad Link Aggregation Control Protocol (LACP): aggregate connections for greater overall throughput (managed IntelliJack NJ2000G only)
- **Manageability**
Choice of smart managed and unmanaged models: HP IntelliJack NJ2000G model has an intuitive Web interface for setup of features such as virtual LANs, link aggregation, and 802.1X Network Login; HP IntelliJack NJ1000G is an unmanaged plug-and-play wall-mount switch with no customization capabilities
- General protocols: IEEE 802.1Q VLANs; IEEE 802.1X PAE; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation (LAG); IEEE 802.3af Power over Ethernet; IEEE 802.3at; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; ANSI/TIA/EIA-568; ANSI/TIA/EIA-569; NEMA-WD6
- QoS/Cos: IEEE 802.1P (CoS)

Standard Models	Part number	wc	lp
HP NJ2000 1Gb IntelliJack Switch	JD057A	7R	\$222.00

Key options	Part number	lp
HP Single-port 802.3at Gigabit PoE Midspan Power Supply	JD054A	\$76.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Warranty

- **7R**
Warranty period - 3 Years
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1405 Small Office Switch Series	HP 1410 Switch Series	HP IntelliJack Gigabit Switch Series
Chassis Options					
Подставка для HP NJ1000/NJ2000 Intellijack	JD056A	\$11.00			•
Fiber Cables					
Сетевой кабель HP 0,5 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ833A	\$75.00	•	•	
Сетевой кабель HP 1 метр, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ834A	\$80.00	•	•	
Сетевой кабель HP 2 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ835A	\$90.00	•	•	
Сетевой кабель HP 5 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ836A	\$105.00	•	•	
Сетевой кабель HP 15 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ837A	\$125.00	•	•	
Сетевой кабель HP 30 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ838A	\$180.00	•	•	
Сетевой кабель HP 50 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ839A	\$255.00	•	•	
Блоки питания для сетей					
HP Single-port 802.3at Gigabit PoE Midspan Power Supply	JD054A	\$76.00			•
Приемопередатчики					
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00		•	
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00		•	
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00		•	
Hardware Software Combo Support Services					
HP 1 year Next business day Exchange Plus HP 1400-8G Switch Support	U6P04E	\$8.00		•	
HP 1 year Next business day Exchange Plus HP 14xx Switch Support	U6N99E	\$8.00	•		
HP 1 year Post Warranty Next business day Exchange Networks HP 14xx Switch products Service	U4M85PE	\$8.00	•		
HP 1 year Next business day Exchange Plus HP 1400-24 Switch Support	U6P05E	\$8.00		•	
HP 1 year 4-Hour Exchange Plus HP 14xx Switch Support	U6N75E	\$15.00	•		
HP 1 year 4-Hour Exchange Plus HP 1400-8G Switch Support	U6N62E	\$15.00		•	
HP 1 year 4-Hour Exchange Plus HP 1400-24 Switch Support	U6N66E	\$15.00		•	
HP 1 year Support Plus24 Networks 1400 Switch Service	HR680E	\$19.00	•		
HP 1 year Post Warranty Next business day Exchange Networks HP 14xx Switch products Service	U4M86PE	\$19.00	•		
HP 3 year Next business day Exchange Plus HP 14xx Switch Support	U6P08E	\$20.00	•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1405 Small Office Switch Series	HP 1410 Switch Series	HP IntelliJack Gigabit Switch Series
HP 1 year Post Warranty Next business day Exchange Networks HP 14xx Switch products Service	U4M87PE	\$21.00	.		
HP 1 year Post Warranty Next business day Exchange Networks HP 14xx Switch products Service	U4M89PE	\$21.00	.		
HP 3 year Next business day Exchange Plus HP 1400-24 Switch Support	U6P14E	\$24.00		.	
HP 3 year Next business day Exchange Plus HP 1400-8G Switch Support	U6P13E	\$24.00		.	
HP 4 year Next business day Exchange Plus HP 14xx Switch Support	U6P17E	\$27.00	.		
HP 1 year Post Warranty Next business day Exchange Networks HP 14xx Switch products Service	U4M88PE	\$31.00	.		
HP 4 year Next business day Exchange Plus HP 1400-8G Switch Support	U6P22E	\$31.00		.	
HP 4 year Next business day Exchange Plus HP 1400-24 Switch Support	U6P23E	\$31.00		.	
HP 5 year Next business day Exchange Plus HP 14xx Switch Support	U6P26E	\$35.00	.		
HP 5 year Next business day Exchange Plus HP 1400-8G Switch Support	U6P31E	\$38.00		.	
HP 5 year Next business day Exchange Plus HP 1400-24 Switch Support	U6P32E	\$38.00		.	
HP 3 year 4-Hour Exchange Plus HP 14xx Switch Support	U6N81E	\$40.00	.		
HP 3 year 4-Hour Exchange Plus HP 1400-8G Switch Support	U6N63E	\$44.00		.	
HP 3 year 4-Hour Exchange Plus HP 1400-24 Switch Support	U6N67E	\$44.00		.	
HP 3 year Next business day Proactive Care 14xx Switch Service	U2P57E	\$52.00	.		
HP 3 year Next business day Proactive Care 1400-8G Switch Service	U2J62E	\$53.00		.	
HP 3 year Next business day Proactive Care 1400-24G Switch Service	U2J71E	\$53.00		.	
HP 4 year 4-Hour Exchange Plus HP 14xx Switch Support	U6N87E	\$54.00	.		
HP 3 year Support Plus24 ProCurve V14xx Service	UW479E	\$54.00	.		
HP 4 year 4-Hour Exchange Plus HP 1400-8G Switch Support	U6N64E	\$58.00		.	
HP 4 year 4-Hour Exchange Plus HP 1400-24 Switch Support	U6N68E	\$58.00		.	
HP 5 year 4-Hour Exchange Plus HP 14xx Switch Support	U6N93E	\$67.00	.		
HP 4 year Next business day Proactive Care 1400-24G Switch Service	U2J72E	\$69.00		.	
HP 4 year Next business day Proactive Care 1400-8G Switch Service	U2J63E	\$69.00		.	
HP 5 year 4-Hour Exchange Plus HP 1400-8G Switch Support	U6N65E	\$71.00		.	
HP 5 year 4-Hour Exchange Plus HP 1400-24 Switch Support	U6N69E	\$71.00		.	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1405 Small Office Switch Series	HP 1410 Switch Series	HP IntelliJack Gigabit Switch Series
HP 4 year Next business day Proactive Care 14xx Switch Service	U2P58E	\$71.00	.		
HP 4 year Support Plus24 ProCurve V14xx Service	UW480E	\$73.00	.		
HP 3 year 4 hour 24x7 Proactive Care 1400-8G Switch Service	U2J65E	\$74.00		.	
HP 3 year 4 hour 24x7 Proactive Care 1400-24G Switch Service	U2J74E	\$74.00		.	
HP 3 year 4 hour 24x7 Proactive Care 14xx Switch Service	U2P60E	\$78.00	.		
HP 5 year Next business day Proactive Care 1400-24G Switch Service	U2J73E	\$85.00		.	
HP 5 year Next business day Proactive Care 1400-8G Switch Service	U2J64E	\$85.00		.	
HP 5 year Next business day Proactive Care 14xx Switch Service	U2P59E	\$88.00	.		
HP 5 year Support Plus24 ProCurve V14xx Service	UW481E	\$91.00	.		
HP 4 year 4 hour 24x7 Proactive Care 1400-24G Switch Service	U2J75E	\$97.00		.	
HP 4 year 4 hour 24x7 Proactive Care 1400-8G Switch Service	U2J66E	\$97.00		.	
HP 4 year 4 hour 24x7 Proactive Care 14xx Switch Service	U2P61E	\$105.00	.		
HP 3 year 6 hour Call to Repair Proactive Care 14xx Switch Service	U2P63E	\$109.00	.		
HP 3 year 6 hour Call to Repair Proactive Care 1400-8G Switch Service	U2J68E	\$110.00		.	
HP 3 year 6 hour Call to Repair Proactive Care 1400-24G Switch Service	U2J77E	\$110.00		.	
HP 5 year 4 hour 24x7 Proactive Care 1400-8G Switch Service	U2J67E	\$119.00		.	
HP 5 year 4 hour 24x7 Proactive Care 1400-24G Switch Service	U2J76E	\$119.00		.	
HP 5 year 4 hour 24x7 Proactive Care 14xx Switch Service	U2P62E	\$130.00	.		
HP 4 year 6 hour Call to Repair Proactive Care 1400-8G Switch Service	U2J69E	\$144.00		.	
HP 4 year 6 hour Call to Repair Proactive Care 1400-24G Switch Service	U2J78E	\$144.00		.	
HP 4 year 6 hour Call to Repair Proactive Care 14xx Switch Service	U2P64E	\$145.00	.		
HP 5 year 6 hour Call to Repair Proactive Care 1400-24G Switch Service	U2J79E	\$176.00		.	
HP 5 year 6 hour Call to Repair Proactive Care 1400-8G Switch Service	U2J70E	\$176.00		.	
HP 5 year 6 hour Call to Repair Proactive Care 14xx Switch Service	U2P65E	\$179.00	.		
Hardware Support Services					
HP 1 year 4 hour 13x5 Networks 1400 Switch Hardware Support	HR678E	\$16.00	.		
HP 1 year 4 hour 13x5 Networks V1400-8G Switch Hardware Support	HR843E	\$17.00		.	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1405 Small Office Switch Series	HP 1410 Switch Series	HP IntelliJack Gigabit Switch Series
HP 1 year 4 hour 13x5 Networks V1400-24G Switch Hardware Support	HR846E	\$17.00		•	
HP 1 year 4 hour 24x7 Networks 1400 Switch Hardware Support	HR679E	\$19.00	•		
HP 1 year 4 hour 24x7 Networks V1400-24G Switch Hardware Support	HR847E	\$19.00		•	
HP 1 year 4 hour 24x7 Networks V1400-8G Switch Hardware Support	HR844E	\$19.00		•	
HP 1 year 6 hour Call to Repair Networks 1400 Switch Hardware Support	HR681E	\$29.00	•		
HP 1 year 6 hour Call to Repair Networks V1400-8G Switch Hardware Support	HR845E	\$31.00		•	
HP 1 year 6 hour Call to Repair Networks V1400-24G Switch Hardware Support	HR848E	\$31.00		•	
HP 3 year 4 hour 13x5 ProCurve V14xx Switch Hardware Support	UV780E	\$48.00	•		
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	UF795E	\$50.00		•	
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	UF797E	\$50.00		•	
HP 3 year 4 hour 24x7 ProCurve V14xx Switch Hardware Support	UW476E	\$54.00	•		
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	UF796E	\$55.00		•	
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	UF798E	\$55.00		•	
HP 4 year 4 hour 13x5 ProCurve V14xx Switch Hardware Support	UV781E	\$65.00	•		
HP 4 year 4 hour Response 13x5 ProCurve 1400-8G Hardware Support	UR816E	\$65.00		•	
HP 4 year 4 hour Response 13x5 ProCurve 1400-24G Hardware Support	UR820E	\$65.00		•	
HP 4 year 24x7 ProCurve 1400-24G Hardware Support	UR821E	\$73.00		•	
HP 4 year 4 hour 24x7 ProCurve V14xx Switch Hardware Support	UW477E	\$73.00	•		
HP 4 year 24x7 ProCurve 1400-8G Hardware Support	UR817E	\$73.00		•	
HP 5 year 4 hour Response 13x5 ProCurve 1400-8G Hardware Support	UR818E	\$80.00		•	
HP 5 year 4 hour Response 13x5 ProCurve 1400-24G Hardware Support	UR822E	\$80.00		•	
HP 5 year 4 hour 13x5 ProCurve V14xx Switch Hardware Support	UV782E	\$81.00	•		
HP 3 year 6 hour CTR ProCurve V14xx Switch Hardware Support	UW482E	\$85.00	•		
HP 5 year 24x7 ProCurve 1400-24G Hardware Support	UR823E	\$89.00		•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1405 Small Office Switch Series	HP 1410 Switch Series	HP IntelliJack Gigabit Switch Series
HP 5 year 24x7 ProCurve 1400-8G Hardware Support	UR819E	\$89.00		•	
HP 5 year 4 hour 24x7 ProCurve V14xx Switch Hardware Support	UW478E	\$91.00	•		
HP 3 year 6 hour CTR ProCurve 1400-8G Hardware Support	UW386E	\$91.00		•	
HP 3 year 6 hour CTR ProCurve 1400-24G Hardware Support	UW389E	\$91.00		•	
HP 4 year 6 hour CTR ProCurve V14xx Switch Hardware Support	UW483E	\$113.00	•		
HP 4 year 6 hour CTR ProCurve 1400-8G Hardware Support	UW387E	\$119.00		•	
HP 4 year 6 hour CTR ProCurve 1400-24G Hardware Support	UW390E	\$119.00		•	
HP 5 year 6 hour CTR ProCurve V14xx Switch Hardware Support	UW484E	\$140.00	•		
HP 5 year 6 hour CTR ProCurve 1400-8G Hardware Support	UW388E	\$146.00		•	
HP 5 year 6 hour CTR ProCurve 1400-24G Hardware Support	UW391E	\$146.00		•	
Услуги по обучению					
HP Ed Education ProCurve Svc	HH245E	\$270.00	•		
Услуги по установке аппаратных средств					
Установка стелируемого коммутатора ProCurve	U4826E	\$260.00		•	
HP Networks 19xx 14xx Switch Installation Service	UY901E	\$350.00	•		
HP Networks 19xx 14xx Switch Startup Service	UY902E	\$599.00	•		
Установка и запуск стелируемого коммутатора ProCurve	U4830E	\$1,325.00		•	

HP 1905 Switch Series devices are smart managed fixed-configuration Fast Ethernet Layer 2 switches designed for small businesses looking for key features in an easy-to-administer, low-cost solution. Fast Ethernet models include: 24- and 48-port non-PoE switches, 8- and 24-port PoE Fast Ethernet switches. Also available is a 10-port PoE Gigabit Ethernet switch. These smart managed



HP 1905 Switch Series

Standard features

- Quality of Service (QoS)**

Traffic prioritization (IEEE 802.1p): allows real-time traffic classification mapped to four hardware queues per port

- Management**

Simple Web management: Intuitive Web GUI allows for easy management of device by even nontechnical users

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all ports

- Performance**

Link aggregation (trunking): groups together up to eight links per trunk to increase bandwidth and create redundant connections

- Layer 2 switching**

VLAN support and tagging: support up to 64 port-based VLANs and dynamic configuration of IEEE 802.1Q VLAN tagging, providing security between workgroups

- General protocols: IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X

- Security features: IEEE 802.1X Port Based Network Access Control

- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 1215 SNMP Generic traps

- Latency: 100 Mb Latency: < 5 μs; 1000 Mb Latency: < 5 μs

- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2233 Interface MIB; RFC 2233 Interfaces MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2573 SNMP-Target MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2667 IP Tunnel MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3

- QoS/Cos: IEEE 802.1P (CoS)

- Management features: limited command-line interface; Web browser; SNMP Manager; IEEE 802.3 Ethernet MIB

- Device management: RFC 2819 RMON

- Input voltage: 100-240 VAC

- Input frequency: 50/60 Hz

Standard Models	Part number	wc	lp
HP 1905-24 Switch	JD990A	7R	\$213.00
HP 1905-8-PoE Switch	JD877A	7R	\$302.00
HP 1905-48 Switch	JD994A	7R	\$400.00
HP 1905-24-PoE Switch	JD992A	7R	\$570.00

Key options	Part number	lp
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 1900 Switch Software Support	HR685E	\$1.00
HP 3 year 24x7 ProCurve V19xx Software Support	UV789E	\$4.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

HP 1905 Switch Series devices are smart managed fixed-configuration Fast Ethernet Layer 2 switches designed for small businesses looking for key features in an easy-to-administer, low-cost solution. Fast Ethernet models include: 24- and 48-port non-PoE switches, 8- and 24-port PoE Fast Ethernet switches. Also available is a 10-port PoE Gigabit Ethernet switch. These smart managed



HP 1905 Switch Series

- **7R**
 - Warranty period - 3 Years
 - Service location - HP/Dealer
 - Service level - Exchange
 - Response time - Next Day
 - Installation included - No
 - Applicable note(s) - 7

HP 1910 switches are advanced smart managed fixed-configuration Gigabit Ethernet lite Layer 3 switches designed for small businesses looking for key enhanced features in an easy-to-administer solution. The series has eight models: 8-, 16-, 24-, and 48-port 10/100/1000 non-PoE models; and two 8-port and two 24-port 10/100/1000 PoE models. All series switches have additional true



HP 1910 Switch Series

Standard features

- Quality of Service (QoS)**
 - Broadcast control: allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic
- Management**
 - Simple Web management: intuitive Web GUI (http/https) allows for easy management of device by even nontechnical users
- Connectivity**
 - Auto-MDI/MDIX: automatically adjusts for straight-through or crossover cables on all 10/100/1000 ports
- Performance**
 - Half-/Full-duplex auto-negotiating capability on every port: doubles the throughput of every port
- Resiliency and high availability**
 - Redundant power supply (365W PWR model only): RPS power supply provides additional PoE budget of up to 740W for high power applications like Gigabit Ethernet Intellijack switches; the HP RPS 1600 power supply (JG136A) is sold separately
- Routing table size: 32 entries
- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3i 10BASE-T; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X
- Security features: IEEE 802.1X Port Based Network Access Control
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 1215 SNMP Generic traps
- Latency: 100 Mb latency: < 5 μs; 1000 Mb latency: < 5 μs
- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2233 Interface MIB; RFC 2233 Interfaces MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2573 SNMP-Target MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2667 IP Tunnel MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3
- Address table size: 8192 entries
- QoS/Cos: IEEE 802.1P (CoS)
- Memory and processor: : ARM @ 333 MHz, 128 MB flash, packet buffer size: 512 KB, 128 MB RAM
- Management features: IMC - Intelligent Management Center; limited command-line interface; Web browser; SNMP Manager; IEEE 802.3 Ethernet MIB

Standard Models	Part number	wc	lp
HP 1910-8G Switch	JG348A	9R	\$209.00
HP 1910-16G Switch	JE005A	9R	\$341.00
HP 1910-8G-PoE+ (65W) Switch	JG349A	9R	\$413.00
HP 1910-24G Switch	JE006A	9R	\$414.00
HP 1910-8G-PoE+ (180W) Switch	JG350A	9R	\$524.00
HP 1910-24G-PoE(170W) Switch	JE008A	9R	\$826.00
HP 1910-48G Switch	JE009A	9R	\$829.00
HP 1910-24G-PoE (365W) Switch	JE007A	9R	\$991.00

Key options	Part number	lp
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 1900 Switch Software Support	HR685E	\$1.00
HP 3 year 24x7 ProCurve V19xx Software Support	UV789E	\$4.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP 1910 switches are advanced smart managed fixed-configuration Gigabit Ethernet lite Layer 3 switches designed for small businesses looking for key enhanced features in an easy-to-administer solution. The series has eight models: 8-, 16-, 24-, and 48-port 10/100/1000 non-PoE models; and two 8-port and two 24-port 10/100/1000 PoE models. All series switches have additional true



HP 1910 Switch Series

8 and 24 port 10/100/1000 Web Managed, fan-less Gigabit switches with flexible mounting options; Ideal for small businesses and work groups who need easy to manage, plug-and-play Gigabit connectivity



HP ProCurve 1810G Switch series

- Средства связи: CPU DoS Protection; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3x Flow Control; RFC 1534 DHCP/BOOTP Interoperation; RFC 2030 Simple Network Time Protocol (SNTP) v4; IEEE 802.1AB Link Layer Discovery Protocol (LLDP)
- Функции управления: Products: HP ProCurve Manager; Access Methods: Web browser

Warranty

- **9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP 1810-8 v2 Switch	J9800A	9R	\$85.00
HP 1810-8G v2 Switch	J9802A	9R	\$120.00
HP 1810-24 v2 Switch	J9801A	9R	\$174.00
HP 1810-24G v2 Switch	J9803A	9R	\$276.00
HP 1810-48G Switch	J9660A	9R	\$673.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1905 Switch Series	HP 1910 Switch Series	HP ProCurve 1810G Switch series
Fiber Cables					
Сетевой кабель HP 0,5 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ833A	\$75.00	•	•	•
Сетевой кабель HP 1 метр, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ834A	\$80.00	•	•	•
Сетевой кабель HP 2 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ835A	\$90.00	•	•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 1m Cable	QK732A	\$90.00			•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 2m Cable	QK733A	\$95.00			•
Сетевой кабель HP 5 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ836A	\$105.00	•	•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 5m Cable	QK734A	\$115.00			•
Сетевой кабель HP 15 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ837A	\$125.00	•	•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 15m Cable	QK735A	\$155.00			•
Сетевой кабель HP 30 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ838A	\$180.00	•	•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 30m Cable	QK736A	\$220.00			•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 50m Cable	QK737A	\$255.00			•
Сетевой кабель HP 50 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ839A	\$255.00	•	•	•
Switch Rackmount/Rail Kits					
HP X410 1U Universal 4-post Rack Mounting Kit	J9583A	\$138.00			•
Приемопередатчики					
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00			•
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00		•	•
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00		•	
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00		•	•
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00		•	
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00	•	•	
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00		•	•
Hardware Software Combo Support Services					
HP 1 year Next business day Exchange Plus 19xx Switch Support	U0Q25E	\$8.00	•	•	
HP 1 year Post Warranty Next business day Exchange Networks HP 19xx Switch products Service	U4M90PE	\$8.00	•	•	
HP 1 year 4-Hour Exchange Plus 19xx Switch Support	U0Q26E	\$15.00	•	•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1905 Switch Series	HP 1910 Switch Series	HP ProCurve 1810G Switch series
HP 1 year Post Warranty Next business day Exchange Networks HP 19xx Switch products Service	U4M91PE	\$19.00	.	.	
HP 1 year Support Plus24 Networks 1900 Switch Service	HR684E	\$19.00	.	.	
HP 3 year Next business day Exchange Plus 19xx Switch Support	U0Q27E	\$20.00	.	.	
HP 1 year Post Warranty Next business day Exchange Networks HP 19xx Switch products Service	U4M92PE	\$21.00	.	.	
HP 1 year Post Warranty Next business day Exchange Networks HP 19xx Switch products Service	U4M94PE	\$21.00	.	.	
HP 4 year Next business day Exchange Plus 19xx Switch Support	U0Q29E	\$27.00	.	.	
HP 1 year Post Warranty Next business day Exchange Networks HP 19xx Switch products Service	U4M93PE	\$31.00	.	.	
HP 5 year Next business day Exchange Plus 19xx Switch Support	U0Q31E	\$35.00	.	.	
HP 3 year 4-Hour Exchange Plus 19xx Switch Support	U0Q28E	\$40.00	.	.	
HP 3 year Next business day Proactive Care 19xx Switch Service	U2P66E	\$52.00	.	.	
HP 4 year 4-Hour Exchange Plus 19xx Switch Support	U0Q30E	\$54.00	.	.	
HP 3 year Support Plus24 ProCurve V19xx Service	UW488E	\$54.00	.	.	
HP 5 year 4-Hour Exchange Plus 19xx Switch Support	U0Q32E	\$67.00	.	.	
HP 4 year Next business day Proactive Care 19xx Switch Service	U2P67E	\$71.00	.	.	
HP 4 year Support Plus24 ProCurve V19xx Service	UW489E	\$73.00	.	.	
HP 3 year 4 hour 24x7 Proactive Care 19xx Switch Service	U2P69E	\$78.00	.	.	
HP 5 year Next business day Proactive Care 19xx Switch Service	U2P68E	\$88.00	.	.	
HP 5 year Support Plus24 ProCurve V19xx Service	UW490E	\$91.00	.	.	
HP 4 year 4 hour 24x7 Proactive Care 19xx Switch Service	U2P70E	\$105.00	.	.	
HP 3 year 6 hour Call to Repair Proactive Care 19xx Switch Service	U2P72E	\$109.00	.	.	
HP 5 year 4 hour 24x7 Proactive Care 19xx Switch Service	U2P71E	\$130.00	.	.	
HP 4 year 6 hour Call to Repair Proactive Care 19xx Switch Service	U2P73E	\$145.00	.	.	
HP 5 year 6 hour Call to Repair Proactive Care 19xx Switch Service	U2P74E	\$179.00	.	.	
Hardware Support Services					
HP 1 year 4 hour 13x5 Networks 1900 Switch Hardware Support	HR682E	\$16.00	.	.	
HP 1 year 4 hour 24x7 Networks 1900 Switch Hardware Support	HR683E	\$19.00	.	.	
HP 1 year 6 hour Call to Repair Networks 1900 Switch Hardware Support	HR686E	\$29.00	.	.	
HP 3 year 4 hour 13x5 ProCurve V19xx Switch Hardware Support	UV786E	\$48.00	.	.	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 1905 Switch Series	HP 1910 Switch Series	HP ProCurve 1810G Switch series
HP 3 year 4 hour 24x7 ProCurve V19xx Switch Hardware Support	UW485E	\$54.00	•	•	
HP 4 year 4 hour 13x5 ProCurve V19xx Switch Hardware Support	UV787E	\$65.00	•	•	
HP 4 year 4 hour 24x7 ProCurve V19xx Switch Hardware Support	UW486E	\$73.00	•	•	
HP 5 year 4 hour 13x5 ProCurve V19xx Switch Hardware Support	UV788E	\$81.00	•	•	
HP 3 year 6 hour CTR ProCurve V19xx Switch Hardware Support	UW491E	\$85.00	•	•	
HP 5 year 4 hour 24x7 ProCurve V19xx Switch Hardware Support	UW487E	\$91.00	•	•	
HP 4 year 6 hour CTR ProCurve V19xx Switch Hardware Support	UW492E	\$113.00	•	•	
HP 5 year 6 hour CTR ProCurve V19xx Switch Hardware Support	UW493E	\$140.00	•	•	
Software Support Services					
HP 1 year Networks 1900 Switch Software Support	HR685E	\$1.00	•	•	
HP 3 year 24x7 ProCurve V19xx Software Support	UV789E	\$4.00	•	•	
HP 4 year 24x7 ProCurve V19xx Software Support	UV790E	\$5.00	•	•	
HP 5 year 24x7 ProCurve V19xx Software Support	UV791E	\$7.00	•	•	
Услуги по обучению					
HP Ed Education ProCurve Svc	HH245E	\$270.00	•	•	
Услуги по установке аппаратных средств					
HP Networks 19xx 14xx Switch Installation Service	UY901E	\$350.00	•	•	
HP Networks 19xx 14xx Switch Startup Service	UY902E	\$599.00	•	•	

The HP 2520 switch series is ideally suited for small and medium businesses looking to deploy voice, video, or wireless solutions that require Power over Ethernet (PoE) connectivity. The series consists of four switches: the HP 2520-8-PoE, 2520-24-PoE, 2520-8G-PoE, and 2520-24G-PoE Switches. The four models offer a choice of either Fast Ethernet or Gigabit Ethernet connectivity. All



HP 2520 Switch Series

Standard features

- Quality of Service (QoS)**

Selectable queue configuration: allows you to increase performance and/or traffic reliability by selecting the number of queues that best meet the requirements of your network applications; switch will map 8 priorities to either 2 or 4 queues

- Management**

Choice of management interfaces: Web graphical user interface (GUI): easy-to-use graphical interface allows configuration of the switch from any Web browser. Command-line interface (CLI): robust command-line interface provides advanced configuration and diagnostics. Simple Network Management Protocol (SNMPv2c/SNMPv3): allows switch to be managed with a variety of third-party network management applications.

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all ports

- Performance**

Switch on a chip: provides highly integrated, high-performance switch design with a non-blocking architecture

- Resiliency and high availability**

Port trunking and link aggregation: Trunking: supports up to eight links per trunk to increase bandwidth and create redundant connections. IEEE 802.3ad Link Aggregation Protocol (LACP): eases configuration of trunks through automatic configuration.

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1350 TFTP Protocol (revision 2); RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP

Standard Models	Part number	wc	lp
Коммутатор HP E2520-8-PoE	J9137A	9R	\$553.00
Коммутатор HP E2520-8G-PoE	J9298A	9R	\$791.00
Коммутатор HP E2520-24-PoE	J9138A	9R	\$923.00
Коммутатор HP E2520-24G-PoE	J9299A	9R	\$1,900.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

The HP 2520 switch series is ideally suited for small and medium businesses looking to deploy voice, video, or wireless solutions that require Power over Ethernet (PoE) connectivity. The series consists of four switches: the HP 2520-8-PoE, 2520-24-PoE, 2520-8G-PoE, and 2520-24G-PoE Switches. The four models offer a choice of either Fast Ethernet or Gigabit Ethernet connectivity. All



HP 2520 Switch Series

- Communications: CPU DoS Protection; RFC 1591 DNS (client); SSHv1/SSHv2 Secure Shell; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1350 TFTP Protocol (revision 2); RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 3376 IGMPv3 (host joins only); RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2925 Remote Operations MIB (Ping only); RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2863 The Interfaces Group MIB; RFC 2474 Diffserv precedence, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL)
- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2925 Remote Operations MIB (Ping only); RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL)
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- IP Multicast: RFC 3376 IGMPv3 (host joins only)

The HP 2520 switch series is ideally suited for small and medium businesses looking to deploy voice, video, or wireless solutions that require Power over Ethernet (PoE) connectivity. The series consists of four switches: the HP 2520-8-PoE, 2520-24-PoE, 2520-8G-PoE, and 2520-24G-PoE Switches. The four models offer a choice of either Fast Ethernet or Gigabit Ethernet connectivity. All



HP 2520 Switch Series

- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2863 The Interfaces Group MIB
- Address table size: 8000 entries
- QoS/Cos: RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF)
- Management features: HP PCM+; HP PCM; command-line interface; Web browser; configuration menu; out-of-band management (serial RS-232C); IEEE 802.3 Ethernet MIB; Repeater MIB; Ethernet Interface MIB

Warranty

- **9R**
 - Warranty period - Lifetime
 - Service location - HP/Dealer
 - Service level - Exchange
 - Response time - Next Day
 - Installation included - No
 - Applicable note(s) - 7

The HP 2530 Switch Series consists of four fully managed Layer 2 edge switches, delivering cost-effective, reliable and secure connectivity for business networks.



HP 2530 Switch Series

Standard features

- Quality of Service (QoS)**

Traffic prioritization (IEEE 802.1p): allows real-time traffic classification with support for eight priority levels mapped to either two or four queues; uses weighted deficit round robin (WDRR) or strict priority (SP)

- Management**

Choice of management interfaces: Web graphical user interface (GUI): HTML-based easy-to-use graphical interface allows configuration of the switch from any Web browser. Command-line (CLI): robust command-line interface provides advanced configuration and diagnostics. Simple Network Management Protocol (SNMPv1/v2c/v3): allows switch to be managed with a variety of third-party network management applications.

- Connectivity**

IPv6: IPv6 host: allows the switch to be deployed and managed at the edge of an IPv6 network. Dual stack (IPv4/IPv6): supports connectivity for both protocols; provides a transition mechanism from IPv4 to IPv6. MLD snooping: forwards IPv6 multicast traffic to the appropriate interface; prevents IPv6 multicast traffic from flooding the network.

- Layer 2 switching**

VLANs: provide support for 512 VLANs and 4,094 VLAN IDs

- Security**

Access control lists (ACLs): accommodates IPv4/IPv6 port and VLAN-based ACLs

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3at Power over Ethernet Plus; IEEE 802.3az Energy Efficient Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1350 TFTP Protocol (revision 2); RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP
- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2925 Remote Operations MIB (Ping only); RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4252 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL)

Standard Models	Part number	wc	lp
HP 2530-24G Switch	J9776A	9R	\$965.00
HP 2530-48G Switch	J9775A	9R	\$1,802.00
HP 2530-24G-PoE+ Switch	J9773A	9R	\$1,802.00
HP 2530-48G-PoE+ Switch	J9772A	9R	\$3,348.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 25xx/2626/1800-24G Switch Software Support	HR852E	\$2.00
HP 3 year 9x5 E25xx Software Support	HS552E	\$7.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 2530 Switch Series consists of four fully managed Layer 2 edge switches, delivering cost-effective, reliable and secure connectivity for business networks.



HP 2530 Switch Series

- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- Latency: 1000 Mb Latency: < 2.3 μ s (LIFO 64-byte packets)
- IP Multicast: RFC 3376 IGMPv3 (host joins only)
- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2688 MAU-MIB; RFC 2737 Entity MIB (Version 2); RFC 2863 The Interfaces Group MIB
- Address table size: 16000 entries
- QoS/Cos: RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF)
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; configuration menu; Out-of-band management (serial RS-232C or MicroUSB); IEEE 802.3 Ethernet MIB; Repeater MIB; Ethernet Interface MIB

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 2620 Switch Series consists of five switches with 10/100 connectivity. The HP 2620-24 Switch is a fanless switch with quiet operation, making it ideal for deployments in open spaces. The HP 2620-24-PPoE+ Switch, HP 2620-24-PoE+ Switch, and HP 2620-48-PoE+ Switch are IEEE 802.3af- and IEEE 802.3at-compliant switches and provide up to 30 W per powered port. The HP



HP 2620 Switch Series

Standard features

- Quality of Service (QoS)**

Layer 4 prioritization: enables prioritization based on TCP/UDP port numbers

- Connectivity**

Auto-MDIX: provides automatic adjustments for straight-through or crossover cables on all 10/100 and 10/100/1000 ports

- Resiliency and high availability**

External redundant power supply: provides high reliability

- Manageability**

Dual flash images: provides independent primary and secondary operating system files for backup while upgrading

- Layer 2 switching**

VLANs: provide support for 512 VLANs and 4,094 VLAN IDs

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 3046 DHCP Relay Agent Information Option
- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2925 Remote Operations MIB (Ping only); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL)
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3; XRMON
- IP Multicast: RFC 3376 IGMPv3 (host joins only)

Standard Models	Part number	wc	lp
HP 2620-24 Switch	J9623A	9R	\$705.00
HP 2620-24-PPoE+ Switch	J9624A	9R	\$1,059.00
HP 2620-48 Switch	J9626A	9R	\$1,289.00
HP 2620-24-PoE+ Switch	J9625A	9R	\$1,549.00
HP 2620-48-PoE+ Switch	J9627A	9R	\$2,699.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

The HP 2620 Switch Series consists of five switches with 10/100 connectivity. The HP 2620-24 Switch is a fanless switch with quiet operation, making it ideal for deployments in open spaces. The HP 2620-24-PPoE+ Switch, HP 2620-24-PoE+ Switch, and HP 2620-48-PoE+ Switch are IEEE 802.3af- and IEEE 802.3at-compliant switches and provide up to 30 W per powered port. The HP



HP 2620 Switch Series

- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 2021 RMONv2 MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB
- Address table size: 16000 entries
- QoS/Cos: RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting
- Management features: command-line interface; Web browser
- Device management: RFC 1591 DNS (client); HTML and telnet management

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 2810 Switch Series consists of two switches: the 24-port HP 2810-24G Switch with 20 10/100/1000 ports, and the 48-port HP 2810-48G Switch with 44 10/100/1000 ports. Each switch also has four dual-personality ports for RJ-45 10/100/1000 or mini-GBIC fiber Gigabit connectivity. Ideal for high-performance and secure 10/100/1000 connectivity, the 2810 switch



HP 2810 Switch Series

Standard features

- Quality of Service (QoS)**

Class of Service (CoS): sets the IEEE 802.1p priority tag based on IP address, IP Type of Service (ToS), Layer 3 protocol, TCP/UDP port number, source port, and DiffServ

- Connectivity**

Dual-personality functionality: four 10/100/1000 ports or SFP slots for optional fiber connectivity such as Gigabit-SX, -LX, and -LH, or 100-FX

- Resiliency and high availability**

IEEE 802.3ad Link Aggregation Protocol (LACP) and HP port trunking: support up to 24 trunks, each with up to 8 links (ports) per trunk

- Manageability**

sFlow (RFC 3176): wire-speed traffic accounting and monitoring

- Layer 2 switching**

VLAN support and tagging: supports IEEE 802.1Q (4,094 VLAN IDs) and 256 VLANs simultaneously

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 951 BOOTP; RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv2 Secure Shell
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; SNMPv1/v2c/v3
- IP Multicast: RFC 3376 IGMPv3
- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1573 SNMP MIB II; RFC 2021 RMONv2 MIB; RFC 2096 IP Forwarding Table MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2863 The Interfaces Group MIB; RFC 3418 MIB for SNMPv3
- Address table size: 8000 entries
- Management features: HP PCM+; HP PCM; command-line interface; Web browser; configuration menu; out-of-band management
- Device management: HTML and telnet management
- Input voltage: 100-127/200-240 VAC
- Input frequency: 50/60 Hz

Standard Models	Part number	wc	lp
HP 2810-24G Switch	J9021A	9R	\$1,703.00
HP 2810-48G Switch	J9022A	9R	\$3,144.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

The HP 2810 Switch Series consists of two switches: the 24-port HP 2810-24G Switch with 20 10/100/1000 ports, and the 48-port HP 2810-48G Switch with 44 10/100/1000 ports. Each switch also has four dual-personality ports for RJ-45 10/100/1000 or mini-GBIC fiber Gigabit connectivity. Ideal for high-performance and secure 10/100/1000 connectivity, the 2810 switch



HP 2810 Switch Series

HP 3100 EI series switches are Layer 2 Ethernet switches designed for enterprise networks demanding high security and intelligence. They provide 10/100 Mbps downlink and 1000 Mbps uplink Ethernet ports, and serve as access devices for 100 Mbps-to-desktop applications in enterprise networks. In metropolitan area networks or various industry networks, they connect end



HP 3100 EI Switch Series

Standard features

- Quality of Service (QoS)**

Broadcast control: allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic

- Management**

Friendly port names: allow assignment of descriptive names to ports

- Connectivity**

IPv6 (on v2 products): Telnet v6: to allow IPv6 management. DNSv6 Client: for IPv6 host management. SNMPv6: for IPv6 switch management. DHCPv6 Client: for automatic IPv6 address configuration of a switch.

- Performance**

Hardware-based wire-speed access control lists (ACLs): feature-rich ACL implementation (TCAM based) helps provide high levels of security and ease of administration without impacting network performance

- Resiliency and high availability**

Separate data and control paths: increase security and performance

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP)

Standard Models	Part number	wc	lp
HP 3100-8 v2 EI Switch	JD318B	9R	\$624.00
HP 3100-16 v2 EI Switch	JD319B	9R	\$943.00
HP 3100-24 v2 EI Switch	JD320B	9R	\$1,262.00
HP 3100-24-PoE v2 EI Switch	JD313B	9R	\$1,868.00
HP 3100-48 v2 Switch	JG315A	9R	\$2,113.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 3100 Switch Software Support	HR597E	\$3.00
HP 3 year 24x7 ProCurve A31xx Software Support	UV819E	\$8.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP 3100 EI series switches are Layer 2 Ethernet switches designed for enterprise networks demanding high security and intelligence. They provide 10/100 Mbps downlink and 1000 Mbps uplink Ethernet ports, and serve as access devices for 100 Mbps-to-desktop applications in enterprise networks. In metropolitan area networks or various industry networks, they connect end



HP 3100 EI Switch Series

- IPv6: RFC 1881 IPv6 Address Allocation Management (v2 models only); RFC 1887 IPv6 Unicast Address Allocation Architecture (v2 models only); RFC 1981 IPv6 Path MTU Discovery (v2 models only); RFC 2080 RIPng for IPv6 (v2 models only); RFC 2373 IPv6 Addressing Architecture (v2 models only); RFC 2375 IPv6 Multicast Address Assignments (v2 models only); RFC 2460 IPv6 Specification (v2 models only); RFC 2461 IPv6 Neighbor Discovery (v2 models only); RFC 2462 IPv6 Stateless Address Auto-configuration (v2 models only); RFC 2463 ICMPv6 (v2 models only); RFC 2464 Transmission of IPv6 over Ethernet Networks (v2 models only); RFC 2475 IPv6 DiffServ Architecture (v2 models only); RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers (v2 models only); RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only) (v2 models only); RFC 2925 Remote Operations MIB (Ping only) (v2 models only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds (v2 models only); RFC 3162 RADIUS and IPv6 (v2 models only); RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses (v2 models only); RFC 3307 IPv6 Multicast Address Allocation (v2 models only); RFC 3315 DHCPv6 (client and relay) (v2 models only); RFC 3484 Default Address Selection for IPv6 (v2 models only); RFC 3493 Basic Socket Interface Extensions for IPv6 (v2 models only); RFC 3513 IPv6 Addressing Architecture (v2 models only); RFC 3542 Advanced Sockets API for IPv6 (v2 models only); RFC 3587 IPv6 Global Unicast Address Format (v2 models only); RFC 3596 DNS Extension for IPv6 (v2 models only); RFC 4113 MIB for UDP (v2 models only); RFC 4443 ICMPv6 (v2 models only)
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- MIBs: IEEE 8021-PAE-MIB; IEEE 8023-LAG-MIB; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2011 SNMPv2 MIB for IP; RFC 2013 SNMPv2 MIB for UDP; RFC 2233 Interface MIB; RFC 2273 SNMP-NOTIFICATION-MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2819 RMON MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3418 MIB for SNMPv3; RFC 3621 Power Ethernet MIB; RFC 3826 AES for SNMP's USM MIB; RFC 4133 Entity MIB (Version 3); LLDP-EXT-DOT1-MIB; LLDP-EXT-DOT3-MIB; LLDP-MIB
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DSCP DiffServ
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager

HP 3100 EI series switches are Layer 2 Ethernet switches designed for enterprise networks demanding high security and intelligence. They provide 10/100 Mbps downlink and 1000 Mbps uplink Ethernet ports, and serve as access devices for 100 Mbps-to-desktop applications in enterprise networks. In metropolitan area networks or various industry networks, they connect end



HP 3100 EI Switch Series

- Device management: RFC 1157 SNMPv1/v2c; RFC 1901-1907 SNMPv2c, SMIv2 and Revised MIB-II; RFC 2573 (SNMPv3 Applications); RFC 2578-2580 SMIv2; RFC 2819 (RMON groups Alarm, Event, History and Statistics only); RFC 3410 (Management Framework); RFC 3416 (SNMP Protocol Operations v2); RFC 3417 (SNMP Transport Mappings); HTML and telnet management; Multiple Configuration Files; SNMP v3 and RMON RFC support; SSHv1/SSHv2 Secure Shell
- Input frequency: 50/60 Hz
- Form factor: 1U height

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 3100 SI Switch Series is a low-cost Fast Ethernet switch line that enables organizations to do more with less. Stackable and affordable, this series comprises intelligent, network-manageable Layer 2 Fast Ethernet switches that offer high performance, high port density, and easy installation. These switches provide 10/100 Mbps downlinks and Gigabit Ethernet uplinks, and offer link



HP 3100 SI Switch Series

Standard features

- Quality of Service (QoS)**

Powerful QoS feature: supports the following congestion actions: weighted round robin queuing and HQ+WRR

- Management**

Friendly port names: allow assignment of descriptive names to ports

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports

- Performance**

Gigabit Ethernet interface: provides a connection to the network that eliminates the network as a bottleneck

- Resiliency and high availability**

Separate data and control paths: increase security and performance

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 951 BOOTP
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1157 SNMPv1; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- Latency: 100 Mb Latency: < 6 μ s; 1000 Mb Latency: < 5 μ s
- MIBs: IEEE 8021-PAE-MIB; IEEE 8023-LAG-MIB; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2011 SNMPv2 MIB for IP; RFC 2013 SNMPv2 MIB for UDP; RFC 2233 Interface MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2573 SNMP-Target MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2819 RMON MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3; RFC 3826 AES for SNMP's USM MIB; RFC 4113 UDP MIB; LLDP-EXT-DOT1-MIB; LLDP-EXT-DOT3-MIB; LLDP-MIB
- Memory and processor: storage: 128 MB SDRAM, 16 MB flash, packet buffer size: 384 KB
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager
- Input voltage: 100-240 VAC
- Input frequency: 50/60 Hz
- Form factor: 1U height

Standard Models	Part number	wc	lp
HP 3100-8 v2 SI Switch	JG221A	9R	\$572.00
HP 3100-16 v2 SI Switch	JG222A	9R	\$817.00
HP 3100-24 v2 SI Switch	JG223A	9R	\$967.00

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 3100 Switch Software Support	HR597E	\$3.00
HP 3 year 24x7 ProCurve A31xx Software Support	UV819E	\$8.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 3100 SI Switch Series is a low-cost Fast Ethernet switch line that enables organizations to do more with less. Stackable and affordable, this series comprises intelligent, network-manageable Layer 2 Fast Ethernet switches that offer high performance, high port density, and easy installation. These switches provide 10/100 Mbps downlinks and Gigabit Ethernet uplinks, and offer link



HP 3100 SI Switch Series

The ProCurve Switch 2610 Series consists of two switches: the 2610-24 and 2610-48 provide 24 and 48 ports of 10/100 connectivity. The 2610-24 is fanless, ensuring quiet operation and making it ideal for deployment in open spaces.



Коммутатор серии ProCurve 2610

- Средства связи: Управление HTML и Telnet; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLAN; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP (версия 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 951 BOOTP; Расширения RFC 1542 BOOTP; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 3376 IGMPv3; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2096 IP Forwarding Table MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p и IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (версия 2); RFC 2863 The Interfaces Group MIB; IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; Secure Sockets Layer (SSL); SSHv1/SSHv2 Secure Shell
- Функции управления: Система сетевого управления HP ProCurve Manager Plus; HP ProCurve Manager (входит в комплект поставки); интерфейс командной строки; Web-обозреватель; меню конфигурации; внеполосное управление (последовательный интерфейс RS-232C)

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

Standard Models	Part number	wc	lp
Коммутатор HP E2610-24-PPoE	J9086A	9R	\$953.00

Key options	Part number	lp
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 25xx/2626/1800-24G Switch Software Support	HR852E	\$2.00
HP 3 year 9x5 E25xx Software Support	HS552E	\$7.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Designed to provide essential solutions to Small Business Networks, the ProCurve Switch 2510 Series consists of four Layer 2 managed switches that provide reliable 10/100 and 10/100/1000 connectivity.



Серия коммутаторов ProCurve 2510

Warranty

- **9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
Коммутатор HP E2510-24	J9019B	9R	\$395.00
Коммутатор HP E2510-48	J9020A	9R	\$706.00
Коммутатор HP E2510-24G	J9279A	9R	\$914.00
Коммутатор HP E2510-48G	J9280A	9R	\$1,828.00

Key options	Part number	lp
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
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HP 3 year 9x5 E25xx Software Support	HS552E	\$7.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2520 Switch Series	HP 2530 Switch Series	HP 2620 Switch Series	HP 2810 Switch Series	HP 3100 EI Switch Series	HP 3100 SI Switch Series	Коммутатор серии ProCurve 2610	Серия коммутаторов ProCurve 2510
Cable Options										
HP X510 1U Cable Guard	J9700A	\$49.00	•							
Fiber Cables										

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 2520 Switch Series	HP 2530 Switch Series	HP 2620 Switch Series	HP 2810 Switch Series	HP 3100 EI Switch Series	HP 3100 SI Switch Series	Коммутатор серии ProCurve 2610	Серия коммутаторов ProCurve 2510
Сетевой кабель HP 0,5 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ833A	\$75.00	•	•	•	•	•		•	•
Сетевой кабель HP 1 метр, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ834A	\$80.00	•	•	•	•	•		•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 1m Cable	QK732A	\$90.00	•		•					
Сетевой кабель HP 2 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ835A	\$90.00	•	•	•	•	•		•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 2m Cable	QK733A	\$95.00	•		•					
Сетевой кабель HP 5 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ836A	\$105.00	•	•	•	•	•		•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 5m Cable	QK734A	\$115.00	•		•					
Сетевой кабель HP 15 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ837A	\$125.00	•	•	•	•	•		•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 15m Cable	QK735A	\$155.00	•		•					
Сетевой кабель HP 30 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ838A	\$180.00	•	•	•	•	•		•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 30m Cable	QK736A	\$220.00	•		•					
Сетевой кабель HP 50 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ839A	\$255.00	•	•	•	•	•		•	•
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 50m Cable	QK737A	\$255.00	•		•					
Power Connections										
Кабель HP X290 1000 A JD5 2 м RPS	JD187A	\$29.00					•			
Кабель HP X290 500 C 1 м RPS	JD184A	\$42.00					•			
Redundant Power Supplies										
HP RPS 800 Redundant Power Supply	JD183A	\$1,159.00					•			
HP 630 Redundant and/or External Power Supply	J9443A	\$1,512.00			•					
HP RPS1600 1600W AC Power Supply	JG137A	\$1,526.00					•			
HP RPS1600 Redundant Power System	JG136A	\$2,009.00					•			
Резервный/внешний блок питания HP E620	J8696A	\$2,623.00			•					
HP 610 External Power Supply	J8169A	EOL							•	
Shelf Kits										
HP X520 1U Power Adapter Shelf	J9701A	\$49.00	•							
Stacking Kits										
HP 3600 Switch SFP Stacking Kit	JD324B	\$222.00					•			
Switch Rackmount/Rail Kits										
HP 3100/4210-16 Rack Mount Kit	JD321A	\$34.00					•	•		
HP 3100/4210-9 Rack Mount Kit	JD322A	\$34.00					•	•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2520 Switch Series	HP 2530 Switch Series	HP 2620 Switch Series	HP 2810 Switch Series	HP 3100 EI Switch Series	HP 3100 SI Switch Series	Коммутатор серии ProCurve 2610	Серия коммутаторов ProCurve 2510
HP 3100/4210-16/-8 PoE Rack Mount Kit	JD323A	\$34.00					•			
HP X410 1U Universal 4-post Rack Mounting Kit	J9583A	\$138.00	•	•	•	•				
Приемопередатчики										
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00	•	•	•	•				
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00					•			
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00		•	•				•	•
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00					•			
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00					•			
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00	•	•	•	•			•	•
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00	•	•	•	•			•	•
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00	•	•	•	•			•	•
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00					•			
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00					•			
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00	•	•	•	•			•	•
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00	•	•	•	•			•	•
Трансивер HP X122 1G SFP LC BX-U	J9143B	\$1,146.00	•	•	•	•			•	•
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00					•			
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00					•			
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00					•			
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00					•			
Трансивер HP X121 1G SFP LC LH	J4860C	\$3,956.00	•	•	•	•			•	•
Hardware Software Combo Support Services										
HP 1 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS554E	\$39.00		•					•	•
HP 1 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS555E	\$62.00		•					•	•
HP 1 year Support Plus24 25xx/2626/1800-24G Switch Service	HR851E	\$78.00		•					•	•
HP 3 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS556E	\$113.00		•					•	•
HP 3 year Next business day Exchange Plus 3100 Support	HS700E	\$142.00					•	•		
HP 4 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS558E	\$148.00		•					•	•
HP 3 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS557E	\$181.00		•					•	•
HP 5 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS560E	\$182.00		•					•	•
HP 4 year Next business day Exchange Plus 3100 Support	HS702E	\$186.00					•	•		
HP 3 year 4-Hour Exchange Plus 3100 Support	HS701E	\$226.00					•	•		
HP 5 year Next business day Exchange Plus 3100 Support	HS704E	\$227.00					•	•		
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	U6321E	\$228.00		•					•	•
HP 3 year Next business day Proactive Care 2620/2512/2524 switch Service	U2K07E	\$235.00		•					•	•

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2520 Switch Series	HP 2530 Switch Series	HP 2620 Switch Series	HP 2810 Switch Series	HP 3100 EI Switch Series	HP 3100 SI Switch Series	Коммутатор серии ProCurve 2610	Серия коммутаторов ProCurve 2510
HP 4 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS559E	\$236.00		•					•	•
HP 3 year Support Plus 24 ProCurve A31xx Switch Service	UV816E	\$285.00					•	•		
HP 5 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS561E	\$290.00		•					•	•
HP 3 year Next business day Proactive Care 3100 Switch Service	U2N58E	\$293.00					•	•		
HP 4 year 4-Hour Exchange Plus 3100 Support	HS703E	\$296.00					•	•		
HP 4 year Support Plus 24 420/520/530/2626/25xx Service	UR950E	\$299.00		•					•	•
HP 4 year Next business day Proactive Care 2620/2512/2524 switch Service	U2K08E	\$307.00		•					•	•
HP 3 year 4 hour 24x7 Proactive Care 2620/2512/2524 switch Service	U2K10E	\$319.00		•					•	•
HP 5 year 4-Hour Exchange Plus 3100 Support	HS705E	\$362.00					•	•		
HP 5 year Support Plus 24 420/520/530/2626/25xx Service	UR954E	\$366.00		•					•	•
HP 4 year Support Plus 24 ProCurve A31xx Switch Service	UV817E	\$374.00					•	•		
HP 5 year Next business day Proactive Care 2620/2512/2524 switch Service	U2K09E	\$376.00		•					•	•
HP 4 year Next business day Proactive Care 3100 Switch Service	U2N59E	\$384.00					•	•		
HP 3 year 4 hour 24x7 Proactive Care 31xx Switch Service	U2N61E	\$399.00					•	•		
HP 4 year 4 hour 24x7 Proactive Care 2620/2512/2524 switch Service	U2K11E	\$418.00		•					•	•
HP 5 year Support Plus 24 ProCurve A31xx Switch Service	UV818E	\$458.00					•	•		
HP 3 year 6 hour Call to Repair Proactive Care 2620/2512/2524 switch Service	U2K13E	\$462.00		•					•	•
HP 5 year Next business day Proactive Care 3100 Switch Service	U2N60E	\$471.00					•	•		
HP 5 year 4 hour 24x7 Proactive Care 2620/2512/2524 switch Service	U2K12E	\$513.00		•					•	•
HP 4 year 4 hour 24x7 Proactive Care 3100 Switch Service	U2N62E	\$523.00					•	•		
HP 3 year 6 hour Call to Repair Proactive Care 31xx Switch Service	U2N64E	\$577.00					•	•		
HP 4 year 6 hour Call to Repair Proactive Care 2620/2512/2524 switch Service	U2K14E	\$605.00		•					•	•
HP 5 year 4 hour 24x7 Proactive Care 3100 Switch Service	U2N63E	\$641.00					•	•		
HP 5 year 6 hour Call to Repair Proactive Care 2620/2512/2524 switch Service	U2K15E	\$741.00		•					•	•
HP 4 year 6 hour Call to Repair Proactive Care 3100 Switch Service	U2N65E	\$756.00					•	•		
HP 5 year 6 hour Call to Repair Proactive Care 3100 Switch Service	U2N66E	\$927.00					•	•		

Hardware Support Services

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2520 Switch Series	HP 2530 Switch Series	HP 2620 Switch Series	HP 2810 Switch Series	HP 3100 EI Switch Series	HP 3100 SI Switch Series	Коммутатор серии ProCurve 2610	Серия коммутаторов ProCurve 2510
HP 1 year 4 hour 13x5 25xx/2626/1800-24G Switch Hardware Support	HR849E	\$68.00		•					•	•
HP 1 year 4 hour 24x7 25xx/2626/1800-24G Switch Hardware Support	HR850E	\$76.00		•					•	•
HP 1 year 6 hour Call to Repair 25xx/2626/1800-24G Switch Hardware Support	HR853E	\$125.00		•					•	•
HP 3 year Next business day Onsite E25xx Switch Hardware Support	HS548E	\$137.00		•					•	•
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	U4683E	\$149.00		•					•	•
HP 4 year Next business day Onsite E25xx Switch Hardware Support	HS550E	\$179.00		•					•	•
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	U4835E	\$224.00		•					•	•
HP 3 year 4 hour 13x5 ProCurve A31xx Switch Hardware Support	UV810E	\$248.00					•	•		
HP 4 year 4 hour Response 13x5 420/520/530/2626/25xx Hardware Support	UR948E	\$260.00		•					•	•
HP 3 year 4 hour 24x7 ProCurve A31xx Switch Hardware Support	UV813E	\$277.00					•	•		
HP 4 year 24x7 420/520/530/2626/25xx Hardware Support	UR949E	\$290.00		•					•	•
HP 5 year 4 hour Response 13x5 420/520/530/2626/25xx Hardware Support	UR952E	\$319.00		•					•	•
HP 4 year 4 hour 13x5 ProCurve A31xx Switch Hardware Support	UV811E	\$325.00					•	•		
HP 5 year 24x7 420/520/530/2626/25xx Hardware Support	UR953E	\$356.00		•					•	•
HP 4 year 4 hour 24x7 ProCurve A31xx Switch Hardware Support	UV814E	\$363.00					•	•		
HP3 year 6 hour CTRProCurve25/26xx/Wireless Hardware Support	UW368E	\$364.00		•					•	•
HP 5 year 4 hour 13x5 ProCurve A31xx Switch Hardware Support	UV812E	\$398.00					•	•		
HP 5 year 4 hour 24x7 ProCurve A31xx Switch Hardware Support	UV815E	\$445.00					•	•		
HP 3 year 6 hour CTR ProCurve A31xx Switch Hardware Support	UW428E	\$455.00					•	•		
HP4 year 6 hour CTRProCurve25/26xx/Wireless Hardware Support	UW369E	\$477.00		•					•	•
HP 5 year 6 hour CTRProCurve25/26xx/Wireless Hardware Support	UW370E	\$585.00		•					•	•
HP 4 year 6 hour CTR ProCurve A31xx Switch Hardware Support	UW429E	\$596.00					•	•		
HP 5 year 6 hour CTR ProCurve A31xx Switch Hardware Support	UW430E	\$731.00					•	•		
Software Support Services										
HP 1 year 24x7 25xx/2626/1800-24G Switch Software Support	HR852E	\$2.00		•					•	•
HP 1 year Networks 3100 Switch Software Support	HR597E	\$3.00					•	•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2520 Switch Series	HP 2530 Switch Series	HP 2620 Switch Series	HP 2810 Switch Series	HP 3100 EI Switch Series	HP 3100 SI Switch Series	Коммутатор серии ProCurve 2610	Серия коммутаторов ProCurve 2510
HP 3 year 9x5 E25xx Software Support	HS552E	\$7.00		•					•	•
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF792E	\$7.00		•					•	•
HP 3 year 24x7 ProCurve A31xx Software Support	UV819E	\$8.00					•	•		
HP 4 year 24x7 420/520/530/2626/25xx Software Support	UR951E	\$9.00		•					•	•
HP 4 year 9x5 E25xx Switch Software Support	HV084E	\$9.00		•					•	•
HP 5 year 24x7 420/520/530/2626/25xx Software Support	UR955E	\$10.00		•					•	•
HP 4 year 24x7 ProCurve A31xx Software Support	UV820E	\$11.00					•	•		
HP 5 year 24x7 ProCurve A31xx Software Support	UV821E	\$13.00					•	•		
Услуги по обучению										
HP Ed Education ProCurve Svc	HH245E	\$270.00		•			•	•	•	•
Услуги по установке аппаратных средств										
Установка стекируемого коммутатора ProCurve	U4826E	\$260.00		•					•	•
HP Networks 3100 Series Switch Installation Service	UX114E	\$350.00					•	•		
HP Networks 3100 Series Switch Startup Service	UX115E	\$1,075.00					•	•		
Установка и запуск стекируемого коммутатора ProCurve	U4830E	\$1,325.00		•					•	•

The HP 2615-8-PoE Switch is a fully managed 8-port 10/100 switch with an additional two dual-personality Gigabit Ethernet ports for copper or SFP connectivity. Together with static and RIP IPv4 routing, robust security and management, enterprise-class features, a free lifetime warranty, and free software updates, the HP 2615-8-PoE Switch is a cost-effective solution. The HP 2615-8-PoE



HP 2615 Switch Series

Standard features

- Quality of Service (QoS)**

Selectable queue configuration: performance and/or traffic reliability can be increased by selecting the number of queues that best meet the requirements of network applications; the switch will map 8 priorities to either 2 or 4 queues

- Management**

Choice of management interfaces: Web graphical user interface (GUI): easy-to-use graphical interface allows configuration of the switch from any Web browser. Command-line interface (CLI): robust command-line interface provides advanced configuration and diagnostics. Simple Network Management Protocol (SNMPv2c/SNMPv3): allows switch to be managed with a variety of third-party network management applications.

- Connectivity**

Dual-personality functionality: two 10/100/1000 ports or SFP slots provide optional fiber connectivity such as Gigabit-SX, -LX, -LH, 100-FX, 100-BX, and 1000-BX

- Resiliency and high availability**

IEEE 802.1s Multiple Spanning Tree: provides high link availability in multiple VLAN environments by allowing multiple spanning trees; provides legacy support for IEEE 802.1d and IEEE 802.1w

- Layer 2 switching**

GARP VLAN Registration Protocol: allows automatic learning and dynamic assignment of VLANs

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Access Control Lists (ACLs); MAC Authentication; MAC Lockdown; MAC Lockout; Port Security; Secure Sockets Layer (SSL); Web Authentication

- QoS/Cos: RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting

- Memory and processor: Processor : Freescale PowerPC 8313 @ 333 MHz, 32 MB flash, packet buffer size: 512 KB dynamically allocated, 128 MB DDR2 SDRAM

Standard Models	Part number	wc	lp
Коммутатор HP ProCurve 2615-8-PoE	J9565A	9R	\$711.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 25xx/2626/1800-24G Switch Software Support	HR852E	\$2.00
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF792E	\$7.00
HP 4 year 24x7 420/520/530/2626/25xx Software Support	UR951E	\$9.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 2615-8-PoE Switch is a fully managed 8-port 10/100 switch with an additional two dual-personality Gigabit Ethernet ports for copper or SFP connectivity. Together with static and RIP IPv4 routing, robust security and management, enterprise-class features, a free lifetime warranty, and free software updates, the HP 2615-8-PoE Switch is a cost-effective solution. The HP 2615-8-PoE



HP 2615 Switch Series

- Communications: Denial of service protection: Automatic Filtering of well known Denial of Service Packets; Device management: RFC 1591 DNS (client); Multiple Configuration Files; Multiple Software Images; SSHv1/SSHv2 Secure Shell; TACACS/TACACS+; Web UI; General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; UDLD (Uni-directional Link Detection); IP multicast: RFC 3376 IGMPv3 (host joins only); IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2925 Remote Operations MIB (Ping only); RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2863 The Interfaces Group MIB; Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; SNMPv1/v2c/v3; QoS/Cos: RFC 2474 Diffserv precedence, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting; Security: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Access Control Lists (ACLs); MAC Authentication; MAC Lockdown; MAC Lockout; Port Security; Secure Sockets Layer (SSL); Web Authentication
- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; UDLD (Uni-directional Link Detection)

The HP 2615-8-PoE Switch is a fully managed 8-port 10/100 switch with an additional two dual-personality Gigabit Ethernet ports for copper or SFP connectivity. Together with static and RIP IPv4 routing, robust security and management, enterprise-class features, a free lifetime warranty, and free software updates, the HP 2615-8-PoE Switch is a cost-effective solution. The HP 2615-8-PoE



HP 2615 Switch Series

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2925 Remote Operations MIB (Ping only); RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; SNMPv1/v2c/v3
- IP Multicast: RFC 3376 IGMPv3 (host joins only)
- Latency: 100 Mb Latency: < 5.3 μ s (LIFO 64-byte packets); 1000 Mb Latency: < 2.7 μ s (LIFO 64-byte packets)
- Address table size: 8000 entries

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 2915-8G-PoE Switch is a fully managed 8-port 10/100/1000 switch with an additional two dual-personality Gigabit Ethernet ports for copper or SFP connectivity. Together with static and RIP IPv4 routing, robust security and management, enterprise-class features, a free lifetime warranty, and free software updates, the HP 2915-8G-PoE Switch is a cost-effective solution. The



HP 2915 Switch Series

Standard features

- Quality of Service (QoS)**

Selectable queue configuration: performance and/or traffic reliability can be increased by selecting the number of queues that best meet the requirements of network applications; the switch will map eight priorities to either two or four queues

- Management**

Choice of management interfaces: Web GUI: easy-to-use graphical interface allows configuration of the switch from any Web browser. Command-line interface (CLI): robust CLI provides advanced configuration and diagnostics. Simple Network Management Protocol (SNMPv2c/SNMPv3): allows switch to be managed with a variety of third-party network management applications.

- Connectivity**

Dual-personality functionality: two 10/100/1000 ports or SFP slots provide optional fiber connectivity such as Gigabit-SX, -LX, -LH, 100-FX, 100-BX, and 1000-BX

- Resiliency and high availability**

IEEE 802.1s Multiple Spanning Tree: provides high link availability in multiple VLAN environments by allowing multiple spanning trees; provides legacy support for IEEE 802.1d and IEEE 802.1w

- Layer 2 switching**

GARP VLAN Registration Protocol: allows automatic learning and dynamic assignment of VLANs

- Security features:** IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Access Control Lists (ACLs); MAC Authentication; MAC Lockdown; MAC Lockout; Port Security; Secure Sockets Layer (SSL); Web Authentication

- QoS/Cos:** RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting

- Memory and processor:** Processor : Freescale PowerPC 8313 @ 333 MHz, 32 MB flash, packet buffer size: 512 KB dynamically allocated, 128 MB DDR2 SDRAM

Standard Models	Part number	wc	lp
Коммутатор HP ProCurve 2915-8G-PoE	J9562A	9R	\$1,094.00

Key options	Part number	lp
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00
Трансивер HP X122 1G SFP LC BX-U	J9143B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 25xx/2626/1800-24G Switch Software Support	HR852E	\$2.00
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF792E	\$7.00
HP 4 year 24x7 420/520/530/2626/25xx Software Support	UR951E	\$9.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 2915-8G-PoE Switch is a fully managed 8-port 10/100/1000 switch with an additional two dual-personality Gigabit Ethernet ports for copper or SFP connectivity. Together with static and RIP IPv4 routing, robust security and management, enterprise-class features, a free lifetime warranty, and free software updates, the HP 2915-8G-PoE Switch is a cost-effective solution. The



HP 2915 Switch Series

- Communications: Denial of service protection: Automatic Filtering of well known Denial of Service Packets; Device management: RFC 1591 DNS (client); Multiple Configuration Files; Multiple Software Images; SSHv1/SSHv2 Secure Shell; TACACS/TACACS+ Web UI; General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; UDLD (Uni-directional Link Detection); IP multicast: RFC 3376 IGMPv3 (host joins only); IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2925 Remote Operations MIB (Ping only); RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2021 RMONv2 MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2863 The Interfaces Group MIB; Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; SNMPv1/v2c/v3; QoS/Cos: RFC 2474 Diffserv precedence, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting; Security: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Access Control Lists (ACLs); MAC Authentication; MAC Lockdown; MAC Lockout; Port Security; Secure Sockets Layer (SSL); Web Authentication
- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; UDLD (Uni-directional Link Detection)

The HP 2915-8G-PoE Switch is a fully managed 8-port 10/100/1000 switch with an additional two dual-personality Gigabit Ethernet ports for copper or SFP connectivity. Together with static and RIP IPv4 routing, robust security and management, enterprise-class features, a free lifetime warranty, and free software updates, the HP 2915-8G-PoE Switch is a cost-effective solution. The



HP 2915 Switch Series

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2925 Remote Operations MIB (Ping only); RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; SNMPv1/v2c/v3
- IP Multicast: RFC 3376 IGMPv3 (host joins only)
- Latency: 100 Mb Latency: < 5.3 μ s (LIFO 64-byte packets); 1000 Mb Latency: < 2.7 μ s (LIFO 64-byte packets)
- Address table size: 8000 entries

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 2920 Switch Series consists of four switches: the HP 2920-24G and 2920-24G-PoE+ Switches with 24 10/100/1000 ports, and the HP 2920-48G and 2920-48G-PoE+ Switches with 48 10/100/1000 ports. Each switch has four dual-personality ports for 10/100/1000 or SFP connectivity. In addition, the 2920 switch series supports up to four optional 10 Gigabit Ethernet



HP 2920 Switch Series

Standard features

- Quality of Service (QoS)**

Traffic prioritization (IEEE 802.1p): allows real-time traffic classification into eight priority levels mapped to eight queues

- Connectivity**

Flexible 10 Gbps Ethernet connectivity: up to four optional 10-Gigabit ports (SFP+ and/or 10GBASE-T)

- Performance**

Energy-efficient design: High-efficiency power supplies: 80 PLUS Silver Certified power supply increases power savings. Energy-efficient Ethernet (EEE) support: reduces power consumption in accordance with IEEE 802.3az.

- Software-defined networking**

OpenFlow: is a key technology that enables software-defined networking by allowing the separation of data (packet forwarding) and control (routing decision) paths

- Convergence**

IP multicast snooping and data-driven IGMP: automatically prevent flooding of IP multicast traffic

- Routing table size: 2048 entries (IPv4), 256 entries (IPv6)

Standard Models	Part number	wc	lp
HP 2920-24G Switch	J9726A	9R	\$1,947.00
HP 2920-24G-POE+ Switch	J9727A	9R	\$2,601.00
HP 2920-48G Switch	J9728A	9R	\$3,242.00
HP 2920-48G-POE+ Switch	J9729A	9R	\$4,336.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
HP X331 165W 100-240VAC to 12VDC Modular Power Supply	J9739A	\$292.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 Stack24 Switch Software Support	HR892E	\$12.00
HP 1 year 24x7 Stack48 Switch Software Support	HR897E	\$12.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 2920 Switch Series consists of four switches: the HP 2920-24G and 2920-24G-PoE+ Switches with 24 10/100/1000 ports, and the HP 2920-48G and 2920-48G-PoE+ Switches with 48 10/100/1000 ports. Each switch has four dual-personality ports for 10/100/1000 or SFP connectivity. In addition, the 2920 switch series supports up to four optional 10 Gigabit Ethernet



HP 2920 Switch Series

- General protocols: IEEE 802.1AX-2008 Link Aggregation; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3at PoE+; IEEE 802.3az Energy Efficient Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2453 RIPv2; RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2866 RADIUS Accounting; RFC 3046 DHCP Relay Agent Information Option; RFC 3411 An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks; RFC 3412 Message Processing and Dispatching for the Simple Network Management Protocol (SNMP); RFC 3413 Simple Network Management Protocol (SNMP) Applications; RFC 3414 User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3); RFC 3415 View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP); RFC 3417 Transport Mappings for the Simple Network Management Protocol (SNMP); RFC 3416 Protocol Operations for SNMP; RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP); RFC 3576 Ext to RADIUS (CoA only); RFC 4541 Considerations for Internet Group Management Protocol (IGMP) and Multicast Listener Discovery (MLD) Snooping Switches; RFC 4675 RADIUS VLAN & Priority; RFC 4861 Neighbor Discovery for IP version 6 (IPv6); RFC 4862 IPv6 Stateless Address Autoconfiguration; UDLD (Uni-directional Link Detection)
- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 2925 Remote Operations MIB (Ping only); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (client and relay); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration

The HP 2920 Switch Series consists of four switches: the HP 2920-24G and 2920-24G-PoE+ Switches with 24 10/100/1000 ports, and the HP 2920-48G and 2920-48G-PoE+ Switches with 48 10/100/1000 ports. Each switch has four dual-personality ports for 10/100/1000 or SFP connectivity. In addition, the 2920 switch series supports up to four optional 10 Gigabit Ethernet



HP 2920 Switch Series

- Security features: IEEE 802.1X Port Based Network Access Control; IEEE 802.1X:Port-Based Network Access Control (2001); RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1492 An Access Control Protocol, Sometimes Called TACACS; RFC 1492 TACACS+; RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2139 RADIUS Accounting; RFC 2246 Transport Layer Security (TLS); RFC 2548 Microsoft Vendor-specific RADIUS Attributes; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2818 HTTP Over TLS; RFC 2865 RADIUS (client only); RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; RFC 2882 NAS Requirements: Extended RADIUS Practices; RFC 3162 RADIUS and IPv6; RFC 3576 Dynamic Authorization Extensions to RADIUS; RFC 3579 RADIUS Support For Extensible Authentication Protocol (EAP); RFC 3580 IEEE 802.1X RADIUS; RFC 3580 IEEE 802.1X Remote Authentication Dial In User Service (RADIUS) Usage Guidelines ; RFC 4576 RADIUS Attributes; Access Control Lists (ACLs); draft-grant-tacacs-02 (TACACS); Guest VLAN for 802.1x; MAC Authentication; MAC Lockdown; MAC Lockout; Port Security; Secure Sockets Layer (SSL); SSHv2 Secure Shell; Web Authentication
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 2021 Remote Network Monitoring Management Information Base Version 2 using SMIv2 ; RFC 2576 Coexistence between SNMP versions; RFC 2578 Structure of Management Information Version 2 (SMIv2); RFC 2579 Textual Conventions for SMIv2; RFC 2580 Conformance Statements for SMIv2; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 2819 Remote Network Monitoring Management Information Base; RFC 2856 Textual Conventions for Additional High Capacity Data Types; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations ; RFC 3164 BSD syslog Protocol; RFC 3176 sFlow; RFC 3411 SNMP Management Frameworks; RFC 3412 SNMPv3 Message Processing; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3; XRMON
- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 3376 IGMPv3 (host joins only); RFC 4541 Considerations for Internet Group Management Protocol (IGMP) and Multicast Listener Discovery (MLD) Snooping Switches

The HP 2920 Switch Series consists of four switches: the HP 2920-24G and 2920-24G-PoE+ Switches with 24 10/100/1000 ports, and the HP 2920-48G and 2920-48G-PoE+ Switches with 48 10/100/1000 ports. Each switch has four dual-personality ports for 10/100/1000 or SFP connectivity. In addition, the 2920 switch series supports up to four optional 10 Gigabit Ethernet



HP 2920 Switch Series

- MIBs: IEEE 802.1ap (MSTP and STP MIB's only); RFC 1156 (TCP/IP MIB); RFC 1157 A Simple Network Management Protocol (SNMP); RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 2021 RMONv2 MIB; RFC 2578 Structure of Management Information Version 2 (SMIv2); RFC 2579 Textual Conventions for SMIv2; RFC 2580 Conformance Statements for SMIv2; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2819 RMON MIB; RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB; RFC 2933 IGMP MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3417 Simple Network Management Protocol (SNMP) over IEEE 802 Networks; RFC 3418 MIB for SNMPv3
- Address table size: 16000 entries
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting
- Management features: HP PCM+; IMC - Intelligent Management Center; command-line interface; Web browser; configuration menu; out-of-band management (RJ-45 Ethernet); SNMP Manager; Telnet; RMON1; FTP; in-line and out-of-band; out-of-band management (serial RS-232C or Micro USB)

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 3600 EI Switch Series delivers premium levels of intelligent and resilient performance, security, and reliability for robust switching at the enterprise network edge. The series consists of Layer 3 Fast Ethernet and PoE/PoE+ switches, with advanced features that can accommodate the most demanding applications. Secure, resilient connectivity and the latest traffic-prioritization



HP 3600 EI Switch Series

Standard features

- Quality of Service (QoS)**

Broadcast control: allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic

- Management**

IPv6 management for v2 switches: future-proofs networking, as the switch is capable of being managed whether the attached network is running IPv4 or IPv6; supports pingv6, tracertv6, Telnetv6, TFTPv6, DNSv6, syslogv6, FTPv6, SNMPv6, DHCPv6, and RADIUS for IPv6

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports

- Performance**

Gigabit Ethernet interface: provides a connection to the network that eliminates the network as a bottleneck

- Resiliency and high availability**

Separate data and control paths: keeps control separated from services and keeps service processing isolated; increases security and performance

- General protocols: "IEEE 802.1ad Q-in-Q; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 1058 RIPv1; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1812 IPv4 Routing; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2338 VRRP; RFC 2453 RIPv2; RFC 2644 Directed Broadcast Control; RFC 2665 Definitions of Managed Objects for the Ethernet-like Interface Types ; RFC 3410 Applicability Statements for SNMP; RFC 3414 User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3); RFC 3415 View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP); RFC 3416 Protocol Operations for SNMP; RFC 3417 Transport Mappings for the Simple Network Management Protocol (SNMP)"

Standard Models	Part number	wc	lp
HP 3600-24 v2 EI Switch	JG299A	9R	\$2,440.00
HP 3600-24-PoE+ v2 EI Switch	JG301A	9R	\$3,382.00
HP 3600-48 v2 EI Switch	JG300A	9R	\$3,586.00
HP 3600-24-SFP v2 EI Switch	JG303A	9R	\$4,009.00
HP 3600-48-PoE+ v2 EI Switch	JG302A	9R	\$4,842.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
Трансивер X115 100M SFP LC BX 10-U	JD100A	\$435.00
HP X115 100M SFP LC BX 10-D Transceiver	JD101A	\$435.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 3600 Switch Software Support	HR592E	\$12.00
HP 3 year 24x7 ProCurve A36xx Software Support	UV831E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 3600 EI Switch Series delivers premium levels of intelligent and resilient performance, security, and reliability for robust switching at the enterprise network edge. The series consists of Layer 3 Fast Ethernet and PoE/PoE+ switches, with advanced features that can accommodate the most demanding applications. Secure, resilient connectivity and the latest traffic-prioritization



HP 3600 EI Switch Series

- IPv6: RFC 1881 IPv6 Address Allocation Management; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2475 IPv6 DiffServ Architecture; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 2925 Remote Operations MIB (Ping only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3162 RADIUS and IPv6; RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3484 Default Address Selection for IPv6 ; RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3513 IPv6 Addressing Architecture; RFC 3542 Advanced Sockets API for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 4113 MIB for UDP; RFC 4443 ICMPv6
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1157 SNMPv1; RFC 1757 RMON 4 groups: Stats, History, Alarms and Events; RFC 1901 Introduction to Community-based SNMPv2; RFC 1902 Structure of Management Information for Version 2 of the Simple Network Management Protocol (SNMPv2) ; RFC 1903 SNMPv2 Textual Conventions; RFC 1904 SNMPv2 Conformance; RFC 1905 SNMPv2 Protocol Operations; RFC 1906 SNMPv2 Transport Mappings; RFC 2570 SNMPv3 Overview; RFC 2571 An Architecture for Describing SNMP Management Frameworks; RFC 2572 Message Processing and Dispatching for the Simple Network Management Protocol (SNMP) ; RFC 2573 SNMP Applications; RFC 2574 SNMPv3 User-based Security Model (USM); RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 2578 Structure of Management Information Version 2 (SMIv2); RFC 2579 Textual Conventions for SMIv2; RFC 2580 Conformance Statements for SMIv2; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3410 Introduction to Version 3 of the Internet-standard Network Management Framework ; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model (VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- OSPF: RFC 1583 OSPFv2; RFC 1587 OSPF NSSA; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2
- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2362 PIM Sparse Mode; RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 PIM Dense Mode

The HP 3600 EI Switch Series delivers premium levels of intelligent and resilient performance, security, and reliability for robust switching at the enterprise network edge. The series consists of Layer 3 Fast Ethernet and PoE/PoE+ switches, with advanced features that can accommodate the most demanding applications. Secure, resilient connectivity and the latest traffic-prioritization



HP 3600 EI Switch Series

- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 1757 Remote Network Monitoring MIB; RFC 1850 OSPFv2 MIB; RFC 1907 SNMPv2 MIB; RFC 2233 Interfaces MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2573 SNMP-Target MIB; RFC 2574 SNMP USM MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2819 RMON MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB
- Address table size: 32000 entries
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager
- Device management: RFC 1157 SNMPv1/v2c; RFC 1901-1907 SNMPv2c, SMIv2 and Revised MIB-II; RFC 2573 (SNMPv3 Applications); RFC 2578-2580 SMIv2; RFC 2819 (RMON groups Alarm, Event, History and Statistics only); RFC 3410 (Management Framework); RFC 3416 (SNMP Protocol Operations v2); RFC 3417 (SNMP Transport Mappings); HTML and telnet management; Multiple Configuration Files; SNMP v3 and RMON RFC support; SSHv1/SSHv2 Secure Shell
- Input frequency: 50/60 Hz

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 3600 SI Switch Series delivers intelligent, resilient performance, security, and reliability for robust switching at the enterprise network edge. The series consists of Fast Ethernet and PoE/PoE+ switches, with features that can accommodate large enterprise and SMB applications. Secure, resilient connectivity, as well as the latest traffic-prioritization technologies, enhance converged



HP 3600 SI Switch Series

Standard features

- Quality of Service (QoS)**

Broadcast control: allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic

- Management**

Friendly port names: allow assignment of descriptive names to ports

- Connectivity**

IPv6 (on v2 products): Telnet v6: to allow IPv6 management. DNS v6 Client: for IPv6 host management. SNMP v6: for IPv6 switch management. DHCP v6 Client: for auto IPv6 address configuration of switch.

- Performance**

Nonblocking performance: up to 17.6 Gbps nonblocking switching fabric provides wire-speed intra- and inter-module switching with up to 11.78 million pps throughput

- Resiliency and high availability**

Separate data and control paths: keep control separated from services and keeps service processing isolated; increases security and performance

- General protocols: "IEEE 802.1ad Q-in-Q; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 1058 RIPv1; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1812 IPv4 Routing; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2338 VRRP; RFC 2453 RIPv2; RFC 2644 Directed Broadcast Control; RFC 2665 Definitions of Managed Objects for the Ethernet-like Interface Types ; RFC 3410 Applicability Statements for SNMP; RFC 3414 User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3); RFC 3415 View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP); RFC 3416 Protocol Operations for SNMP; RFC 3417 Transport Mappings for the Simple Network Management Protocol (SNMP)"

Standard Models	Part number	wc	lp
HP 3600-24-PoE+ v2 SI Switch	JG306A	9R	\$1,969.00
HP 3600-24 v2 SI Switch	JG304A	9R	\$2,099.00
HP 3600-48 v2 SI Switch	JG305A	9R	\$2,454.00
HP 3600-48-PoE+ v2 SI Switch	JG307A	9R	\$3,708.00

Key options	Part number	lp
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 3600 Switch Software Support	HR592E	\$12.00
HP 3 year 24x7 ProCurve A36xx Software Support	UV831E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 3600 SI Switch Series delivers intelligent, resilient performance, security, and reliability for robust switching at the enterprise network edge. The series consists of Fast Ethernet and PoE/PoE+ switches, with features that can accommodate large enterprise and SMB applications. Secure, resilient connectivity, as well as the latest traffic-prioritization technologies, enhance converged



HP 3600 SI Switch Series

- IPv6: RFC 1881 IPv6 Address Allocation Management (v2 models only); RFC 1887 IPv6 Unicast Address Allocation Architecture (v2 models only); RFC 1981 IPv6 Path MTU Discovery (v2 models only); RFC 2080 RIPng for IPv6 (v2 models only); RFC 2373 IPv6 Addressing Architecture (v2 models only); RFC 2375 IPv6 Multicast Address Assignments (v2 models only); RFC 2460 IPv6 Specification (v2 models only); RFC 2461 IPv6 Neighbor Discovery (v2 models only); RFC 2462 IPv6 Stateless Address Auto-configuration (v2 models only); RFC 2463 ICMPv6 (v2 models only); RFC 2464 Transmission of IPv6 over Ethernet Networks (v2 models only); RFC 2475 IPv6 DiffServ Architecture (v2 models only); RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers (v2 models only); RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only) (v2 models only); RFC 2925 Remote Operations MIB (Ping only) (v2 models only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds (v2 models only); RFC 3162 RADIUS and IPv6 (v2 models only); RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses (v2 models only); RFC 3307 IPv6 Multicast Address Allocation (v2 models only); RFC 3315 DHCPv6 (client and relay) (v2 models only); RFC 3484 Default Address Selection for IPv6 (v2 models only); RFC 3493 Basic Socket Interface Extensions for IPv6 (v2 models only); RFC 3513 IPv6 Addressing Architecture (v2 models only); RFC 3542 Advanced Sockets API for IPv6 (v2 models only); RFC 3587 IPv6 Global Unicast Address Format (v2 models only); RFC 3596 DNS Extension for IPv6 (v2 models only); RFC 4113 MIB for UDP (v2 models only); RFC 4443 ICMPv6 (v2 models only)
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1157 SNMPv1; RFC 1757 RMON 4 groups: Stats, History, Alarms and Events; RFC 1901 SNMPv2 Introduction; RFC 1902 Structure of Management Information for Version 2 of the Simple Network Management Protocol (SNMPv2) ; RFC 1903 SNMPv2 Textual Conventions; RFC 1904 SNMPv2 Conformance; RFC 1905 SNMPv2 Protocol Operations; RFC 1906 SNMPv2 Transport Mappings; RFC 2570 SNMPv3 Overview; RFC 2571 An Architecture for Describing SNMP Management Frameworks; RFC 2572 Message Processing and Dispatching for the Simple Network Management Protocol (SNMP) ; RFC 2573 SNMP Applications; RFC 2574 SNMPv3 User-based Security Model (USM); RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 2578 Structure of Management Information Version 2 (SMIv2); RFC 2579 Textual Conventions for SMIv2; RFC 2580 Conformance Statements for SMIv2; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3410 Introduction to Version 3 of the Internet-standard Network Management Framework ; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3

The HP 3600 SI Switch Series delivers intelligent, resilient performance, security, and reliability for robust switching at the enterprise network edge. The series consists of Fast Ethernet and PoE/PoE+ switches, with features that can accommodate large enterprise and SMB applications. Secure, resilient connectivity, as well as the latest traffic-prioritization technologies, enhance converged



HP 3600 SI Switch Series

- MIBs: RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 1757 Remote Network Monitoring MIB; RFC 1907 SNMPv2 MIB; RFC 2233 Interface MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2573 SNMP-Target MIB; RFC 2574 SNMP USM MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2819 RMON MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager
- Device management: RFC 1157 SNMPv1/v2c; RFC 1901-1907 SNMPv2c, SMIv2 and Revised MIB-II; RFC 2573 (SNMPv3 Applications); RFC 2578-2580 SMIv2; RFC 2819 (RMON groups Alarm, Event, History and Statistics only); RFC 3410 (Management Framework); RFC 3416 (SNMP Protocol Operations v2); RFC 3417 (SNMP Transport Mappings); HTML and telnet management; Multiple Configuration Files; SNMP v3 and RMON RFC support; SSHv1/SSHv2 Secure Shell
- Input frequency: 50/60 Hz
- Mounting: Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)
- Form factor: 1U height

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 3800 Switch Series is a family of nine fully managed Gigabit Ethernet switches available in 24-port and 48-port models, with or without PoE+, and with either SFP+ or 10GBASE-T uplinks. The 3800 Switch Series utilizes the latest HP ProVision ASIC technology and advances in hardware engineering to deliver one of the most resilient and energy-efficient switches in the industry.



HP 3800 Switch Series

Standard features

- Software-defined networking**

OpenFlow: is a key technology that enables software-defined networking by allowing the separation of data (packet forwarding) and control (routing decision) paths

- Quality of Service (QoS)**

Advanced classifier-based QoS: classifies traffic using multiple match criteria based on Layer 2, 3, and 4 information; applies QoS policies such as setting priority level and rate limit to selected traffic on a per-port or per-VLAN basis

- Management**

Friendly port names: allow assignment of descriptive names to ports

- Connectivity**

Jumbo frames: on Gigabit Ethernet and 10-Gigabit Ethernet ports, jumbo frames allow high-performance remote backup and disaster-recovery services

- Performance**

Selectable queue configurations: allows for increased performance by selecting the number of queues and associated memory buffering that best meet the requirements of the network applications

- Routing table size: 10000 entries (IPv4)
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (client only); RFC 2866 RADIUS Accounting; RFC 3579 RADIUS Support For Extensible Authentication Protocol (EAP); Secure Sockets Layer (SSL); SSHv2 Secure Shell
- OSPF: RFC 2328 OSPFv2; RFC 3101 OSPF NSSA; RFC 3623 Graceful OSPF Restart (Unplanned Outages only); RFC 5340 OSPFv3 for IPv6
- QoS/Cos: RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF)
- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1AX-2008 Link Aggregation; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 2548 (MS-RAS-Vendor only); RFC 3046 DHCP Relay Agent Information Option; RFC 3576 Ext to RADIUS (CoA only); RFC 3768 VRRP; RFC 4675 RADIUS VLAN & Priority; UDLD (Uni-directional Link Detection)

Standard Models	Part number	wc	lp
HP 3800-24G-2SFP+ Switch	J9575A	9R	\$5,425.00
HP 3800-24G-PoE+-2SFP+ Switch	J9573A	9R	\$5,983.00
HP 3800-24G-2XG Switch	J9585A	9R	\$5,983.00
HP 3800-24G-PoE+-2XG Switch	J9587A	9R	\$6,608.00
HP 3800-48G-4SFP+ Switch	J9576A	9R	\$8,144.00
HP 3800-24SFP-2SFP+ Switch	J9584A	9R	\$9,110.00
HP 3800-48G-4XG Switch	J9586A	9R	\$9,246.00
HP 38xx Configure-to-order Switch Solution	JG501A	NA	N/A
HP 3800-48G-PoE+-4SFP+ Switch	J9574A	9R	\$9,504.00
HP 3800-48G-PoE+-4XG Switch	J9588A	9R	\$10,605.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 3800 Switch Software Support	HT017E	\$35.00
HP 3 year 24x7 3800 Switch Software Support	HT027E	\$103.00
HP 4 year 24x7 3800 Switch Software Support	HT037E	\$134.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 3800 Switch Series is a family of nine fully managed Gigabit Ethernet switches available in 24-port and 48-port models, with or without PoE+, and with either SFP+ or 10GBASE-T uplinks. The 3800 Switch Series utilizes the latest HP ProVision ASIC technology and advances in hardware engineering to deliver one of the most resilient and energy-efficient switches in the industry.



HP 3800 Switch Series

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (client only); RFC 3484 Default Address Selection for IPv6 ; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 4022 MIB for TCP; RFC 4087 IP Tunnel MIB; RFC 4113 MIB for UDP; RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers ; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4291 IP Version 6 Addressing Architecture ; RFC 4293 MIB for IP; RFC 4294 IPv6 Node Requirements; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 5095 Deprecation of Type 0 Routing Headers in IPv6 ; RFC 5340 OSPFv3 for IPv6; RFC 5453 Reserved IPv6 Interface Identifiers; RFC 5519 Multicast Group Membership Discovery MIB (MLDv2 only) ; RFC 5722 Handling of Overlapping IPv6 Fragments
- BGP: RFC 1997 BGP Communities Attribute; RFC 2918 Route Refresh Capability; RFC 4271 A Border Gateway Protocol 4 (BGP-4); RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP); RFC 4724 Graceful Restart Mechanism for BGP; RFC 5492 Capabilities Advertisement with BGP-4
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3; XRMON
- Latency: 1000 Mb Latency: < 2.8 μ s (LIFO 64-byte packets); 10 Gbps Latency: < 1.9 μ s (LIFO 64-byte packets)
- IP Multicast: RFC 3376 IGMPv3 (host joins only); RFC 3973 PIM Dense Mode; RFC 4601 PIM Sparse Mode

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 5120 EI Switch Series are Gigabit Ethernet switches that support static Layer 3 routing, diversified services, and IPv6 forwarding, as well as provide up to four 10-Gigabit Ethernet (10 GbE) extended interfaces. Unique Intelligent Resilient Framework (IRF) technology creates a virtual fabric by managing several switches as one logical device, which increases network resilience,



HP 5120 EI Switch Series

Standard features

- Quality of Service (QoS)**

Broadcast control: allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic

- Management**

Friendly port names: allow assignment of descriptive names to ports

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100/1000 ports

- Performance**

Nonblocking architecture: up to 192 Gbps nonblocking switching fabric provides wire-speed switching with up to 143 million pps throughput

- Resiliency and high availability**

Separate data and control paths: keeps control separated from services and keeps service processing isolated; increases security and performance

- Routing table size: 32 entries

- General protocols: "IEEE 802.1ad Q-in-Q; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3af Power over Ethernet; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 951 BOOTP; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1305 NTPv3; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1812 IPv4 Routing; RFC 1866 Hypertext Markup Language - 2.0; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2616 HTTP Compatibility v1.1; RFC 2665 Definitions of Managed Objects for the Ethernet-like Interface Types ; RFC 2668 Definitions of Managed Objects for IEEE 802.3 Medium Attachment Units (MAUs) ; RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2866 RADIUS Accounting; RFC 3414 User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3); RFC 3415 View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP); RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP); RFC 3576 Ext to RADIUS (CoA only); RFC 4213 Basic IPv6 Transition Mechanisms; RFC 4675 RADIUS VLAN & Priority; 802.1r - GARP Proprietary Attribute Registration Protocol (GPRP) "

- IPv6: RFC 2461 IPv6 Neighbor Discovery; RFC 2463 ICMPv6; RFC 3162 RADIUS and IPv6; RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses; RFC 3315 DHCPv6 (client and relay)

Standard Models	Part number	wc	lp
HP A5120-24G EI Switch	JE066A	9R	\$1,599.00
HP A5120-24G EI Switch with 2 Interface Slots	JE068A	9R	\$2,618.00
HP A5120-48G EI Switch	JE067A	9R	\$2,828.00
HP 5120-24G-PoE+ EI Switch with 2 Interface Slots	JG236A	9R	\$3,299.00
HP A5120-48G EI Switch with 2 Interface Slots	JE069A	9R	\$4,374.00
HP 5120-48G-PoE+ EI Switch with 2 Interface Slots	JG237A	9R	\$5,832.00

Key options	Part number	lp
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 5120 Switch Software Support	HR587E	\$12.00
HP 3 year 24x7 ProCurve A51xx Software Support	UV867E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 5120 EI Switch Series are Gigabit Ethernet switches that support static Layer 3 routing, diversified services, and IPv6 forwarding, as well as provide up to four 10-Gigabit Ethernet (10 GbE) extended interfaces. Unique Intelligent Resilient Framework (IRF) technology creates a virtual fabric by managing several switches as one logical device, which increases network resilience,



HP 5120 EI Switch Series

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (client only); RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv2 Secure Shell
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- MIBs: RFC 1212 Concise MIB Definitions; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1757 Remote Network Monitoring MIB; RFC 2096 IP Forwarding Table MIB; RFC 2233 Interface MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2573 SNMP-Target MIB; RFC 2574 SNMP USM MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2819 RMON MIB; RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3; RFC 3621 Power Ethernet MIB
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager
- Device management: RFC 1157 SNMPv1/v2c; RFC 1305 NTPv3; RFC 2573 (SNMPv3 Applications); RFC 2819 (RMON groups Alarm, Event, History and Statistics only); RFC 3416 (SNMP Protocol Operations v2); HTML and telnet management; Multiple Configuration Files; SNMP v3 and RMON RFC support; SSHv1/SSHv2 Secure Shell; TACACS/TACACS+; Web UI
- Input frequency: 50/60 Hz
- Power: With AC input, the maximum power consumption is 550 W (370 W for PoE).

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 5120 SI Switch Series comprises intelligent, fully managed Gigabit Ethernet switches that provide high performance, high port density, and simplified installation to improve the value of your network infrastructure investment. The 5120 SI series is enhanced for the access layer in enterprise networks that require Gigabit Ethernet to the desktop or at the distribution layer in



HP 5120 SI Switch Series

Standard features

- Quality of Service (QoS)**
 Broadcast control: allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic
- Management**
 Friendly port names: allow assignment of descriptive names to ports
- Connectivity**
 Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100/1000 ports
- Performance**
 Nonblocking architecture: up to 104 Gbps nonblocking switching fabric provides wire-speed switching with up to 77.4 million pps throughput
- Resiliency and high availability**
 Separate data and control paths: increases security and performance
- Routing table size: 32 entries
- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3x Flow Control; RFC 768 UDP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 951 BOOTP; RFC 1350 TFTP Protocol (revision 2); RFC 2131 DHCP; RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2866 RADIUS Accounting

Standard Models	Part number	wc	lp
HP 5120-16G SI Switch	JE073A	9R	\$1,159.00
HP 5120-24G SI Switch	JE074A	9R	\$1,745.00
HP 5120-24G-PoE+ (170W) SI Switch	JG092A	9R	\$2,612.00
HP 5120-24G-PoE+ (370W) SI Switch	JG091A	9R	\$3,174.00
HP 5120-48G SI Switch	JE072A	9R	\$3,299.00

Key options	Part number	lp
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 5120 Switch Software Support	HR587E	\$12.00
HP 3 year 24x7 ProCurve A51xx Software Support	UV867E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 5120 SI Switch Series comprises intelligent, fully managed Gigabit Ethernet switches that provide high performance, high port density, and simplified installation to improve the value of your network infrastructure investment. The 5120 SI series is enhanced for the access layer in enterprise networks that require Gigabit Ethernet to the desktop or at the distribution layer in



HP 5120 SI Switch Series

- IPv6: RFC 1350 TFTP; RFC 1886 DNS Extension for IPv6; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2465 Management Information Base for IP Version 6: Textual Conventions and General Group (partially support, only "IPv6 Interface Statistics table"); RFC 2475 IPv6 DiffServ Architecture; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2711 IPv6 Router Alert Option; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 2925 Remote Operations MIB (Ping only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3162 RADIUS and IPv6; RFC 3363 DNS support; RFC 3484 Default Address Selection for IPv6 ; RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3513 IPv6 Addressing Architecture; RFC 3542 Advanced Sockets API for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extension for IPv6; RFC 3736 Stateless Dynamic Host Configuration Protocol (DHCP) Service for IPv6; RFC 4007 IPv6 Scoped Address Architecture; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4291 IP Version 6 Addressing Architecture ; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 5095 Deprecation of Type 0 Routing Headers in IPv6 ; RFC 5722 Handling of Overlapping IPv6 Fragments
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- Latency: 1000 Mb Latency: < 3 μ s
- MIBs: IEEE8021-PAE-MIB; IEEE8023-LAG-MIB; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 2011 SNMPv2 MIB for IP; RFC 2013 SNMPv2 MIB for UDP; RFC 2233 Interface MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Target MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2819 RMON MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3; RFC 4133 Entity MIB (Version 3); LLDP-EXT-DOT1-MIB; LLDP-EXT-DOT3-MIB; LLDP-MIB
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager
- Input frequency: 50/60 Hz
- Power: With AC input, the maximum power consumption is 523 W (370 W for PoE).

The HP 5120 SI Switch Series comprises intelligent, fully managed Gigabit Ethernet switches that provide high performance, high port density, and simplified installation to improve the value of your network infrastructure investment. The 5120 SI series is enhanced for the access layer in enterprise networks that require Gigabit Ethernet to the desktop or at the distribution layer in



HP 5120 SI Switch Series

- Mounting: Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)

Warranty

- **9R**
 - Warranty period - Lifetime
 - Service location - HP/Dealer
 - Service level - Exchange
 - Response time - Next Day
 - Installation included - No
 - Applicable note(s) - 7

These Gigabit Ethernet switches deliver outstanding security, reliability, and multiservice support capabilities for robust switching at the edge or aggregation layer of large enterprise and campus networks, or in the core layer of SMB networks. The HP 5500 EI Switch Series is comprised of Layer 2/3 Gigabit Ethernet switches that can accommodate the most demanding applications and provide



HP 5500 EI Switch Series

Standard features

- Quality of Service (QoS)**

Storm restraint: allows limitation of broadcast, multicast, and unknown unicast traffic rate to cut down on unwanted broadcast traffic on the network

- Management**

Friendly port names: allow assignment of descriptive names to ports

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100/1000 ports

- Performance**

Nonblocking architecture: up to 192 Gbps nonblocking switching fabric provides wire-speed switching with up to 143 million pps throughput

- Resiliency and high availability**

Separate data and control paths: keeps control separated from services and keeps service processing isolated; increases security and performance

- Routing table size: 12000 entries

Standard Models	Part number	wc	lp
HP 5500-24G EI Switch	JD377A	9R	\$4,363.00
HP 5500-24G-PoE+ EI Switch with 2 Interface Slots	JG241A	9R	\$5,098.00
HP 5500-24G-PoE+ EI TAA-compliant Switch with 2 Interface Slots	JG252A	9R	\$5,589.00
HP 5500-24G-SFP EI Switch	JD374A	9R	\$7,482.00
HP 5500-48G EI Switch	JD375A	9R	\$7,901.00
HP 5500-48G-PoE+ EI Switch with 2 Interface Slots	JG240A	9R	\$9,074.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 5500-48 SI Switch Software Support	HR582E	\$12.00
HP 1 year 24x7 5500-24 SI Switch Software Support	HR577E	\$12.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

These Gigabit Ethernet switches deliver outstanding security, reliability, and multiservice support capabilities for robust switching at the edge or aggregation layer of large enterprise and campus networks, or in the core layer of SMB networks. The HP 5500 EI Switch Series is comprised of Layer 2/3 Gigabit Ethernet switches that can accommodate the most demanding applications and provide



HP 5500 EI Switch Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q (GVRP); IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation (LAG); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3af Power over Ethernet; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 854 TELNET; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1305 NTPv3; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 1887 An Architecture for IPv6 Unicast Address Allocation; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2338 VRRP; RFC 2375 IPv6 Multicast Address Assignments; RFC 2616 HTTP Compatibility v1.1; RFC 2644 Directed Broadcast Control; RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2866 RADIUS Accounting; RFC 3246 Expedited Forwarding PHB; RFC 3410 Applicability Statements for SNMP; RFC 3414 User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3); RFC 3415 View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP); RFC 3417 Transport Mappings for the Simple Network Management Protocol (SNMP); RFC 3484 Default Address Selection for Internet Protocol version 6 (IPv6); RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3542 Advanced Sockets Application Program Interface (API) for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extensions to Support IP Version 6; RFC 3623 Graceful OSPF Restart; RFC 3704 Unicast Reverse Path Forwarding (URPF); RFC 3768 VRRP; RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6; RFC 4113 Management Information Base for the User Datagram Protocol (UDP); RFC 4213 Basic IPv6 Transition Mechanisms; RFC 4443 Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification; 802.1r - GARP Proprietary Attribute Registration Protocol (GPRP)

These Gigabit Ethernet switches deliver outstanding security, reliability, and multiservice support capabilities for robust switching at the edge or aggregation layer of large enterprise and campus networks, or in the core layer of SMB networks. The HP 5500 EI Switch Series is comprised of Layer 2/3 Gigabit Ethernet switches that can accommodate the most demanding applications and provide



HP 5500 EI Switch Series

- IPv6: RFC 1881 IPv6 Address Allocation Management; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2475 IPv6 DiffServ Architecture; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 2925 Remote Operations MIB (Ping only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3162 RADIUS and IPv6; RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3484 Default Address Selection for IPv6 ; RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3513 IPv6 Addressing Architecture; RFC 3542 Advanced Sockets API for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 for IPv6; RFC 4113 MIB for UDP; RFC 4443 ICMPv6
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 1918 Address Allocation for Private Internets; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; Access Control Lists (ACLs); MAC Authentication; Port Security; SSHv2 Secure Shell
- BGP: RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 2858 BGP-4 Multi-Protocol Extensions
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 1157 SNMPv1; RFC 1212 Concise MIB definitions; RFC 1215 SNMP Generic traps; RFC 1757 RMON 4 groups: Stats, History, Alarms and Events; RFC 1901 SNMPv2 Introduction; RFC 1918 Private Internet Address Allocation; RFC 2373 Remote Network Monitoring Management Information Base for High Capacity Networks ; RFC 2571 An Architecture for Describing SNMP Management Frameworks; RFC 2572 Message Processing and Dispatching for the Simple Network Management Protocol (SNMP) ; RFC 2573 SNMP Applications; RFC 2574 SNMPv3 User-based Security Model (USM); RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 2576 Coexistence between SNMP versions; RFC 2578 SMIv2; RFC 2581 TCP6; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations ; RFC 3176 sFlow; RFC 3410 Introduction to Version 3 of the Internet-standard Network Management Framework ; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model (VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- OSPF: RFC 1587 OSPF NSSA; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 3623 Graceful OSPF Restart

These Gigabit Ethernet switches deliver outstanding security, reliability, and multiservice support capabilities for robust switching at the edge or aggregation layer of large enterprise and campus networks, or in the core layer of SMB networks. The HP 5500 EI Switch Series is comprised of Layer 2/3 Gigabit Ethernet switches that can accommodate the most demanding applications and provide



HP 5500 EI Switch Series

- Latency: 1000 Mb Latency: < 3.2 μ s; 10 Gbps Latency: < 2.6 μ s
- IP Multicast: RFC 2236 IGMPv2; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 3376 IGMPv3; RFC 3569 An Overview of Source-Specific Multicast (SSM); RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 PIM Dense Mode; RFC 4601 PIM Sparse Mode
- MIBs: RFC 1212 Concise MIB Definitions; RFC 1213 MIB II; RFC 1657 BGP-4 MIB; RFC 1724 RIPv2 MIB; RFC 1757 Remote Network Monitoring MIB; RFC 1850 OSPFv2 MIB; RFC 2012 SNMPv2 MIB for TCP; RFC 2013 SNMPv2 MIB for UDP; RFC 2233 Interface MIB; RFC 2452 IPV6-TCP-MIB; RFC 2454 IPV6-UDP-MIB; RFC 2465 IPV6 MIB; RFC 2466 ICMPv6 MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Target MIB; RFC 2574 SNMP USM MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2787 VRRP MIB; RFC 2819 RMON MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 4113 UDP MIB

Warranty

- **9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

The HP 5500 HI Series of Gigabit Ethernet switches delivers outstanding resiliency, security, and multiservice support capabilities at the edge layer of data center, large campus, and metro Ethernet networks. The switches can also be used in the core layer of SMB networks. The HP 5500 HI Switch Series supports dual power supply and IRF virtual fabric to provide the highest levels of resiliency



HP 5500 HI Switch Series

Standard features

- Quality of Service (QoS)**

Advanced classifier-based QoS: classifies traffic using multiple match criteria based on Layer 2, 3, and 4 information; applies QoS policies such as setting priority level and rate limit to selected traffic on a per-port or per-VLAN basis

- Management**

Friendly port names: allow assignment of descriptive names to ports

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports

- Performance**

Hardware-based wire-speed access control lists (ACLs): feature-rich ACL implementation (TCAM-based) helps ensure high levels of security and ease of administration without impacting network performance

- Resiliency and high availability**

Separate data and control paths: keeps control separated from services and keeps service processing isolated; increases security and performance

- Routing table size: 12000 entries
- Latency: 1000 Mb Latency: < 5 μ s; 10 Gbps Latency: < 3 μ s
- Power supply slots open: 2
- Input frequency: 50/60 Hz
- Mounting: Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)
- Form factor: 1U height

Warranty

- 9R**

- Warranty period - Lifetime
- Service location - HP/Dealer
- Service level - Exchange
- Response time - Next Day
- Installation included - No
- Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP 5500-24G-4SFP HI Switch with 2 Interface Slots	JG311A	9R	\$5,673.00
HP 5500-48G-4SFP HI Switch with 2 Interface Slots	JG312A	9R	\$9,494.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

These Gigabit Ethernet switches deliver quad-speed performance 10/100/1000 and 10 Gigabit Ethernet, as well as advanced voice-enhanced features such as Power over Ethernet (PoE), auto-voice VLAN, and Quality of Service (QoS). As a result, they are ideal for enterprise organizations seeking to build a secure, convergence-enhanced campus network. Robust IPv6 support and 10



HP 5500 SI Switch Series

Standard features

- Quality of Service (QoS)**
 Broadcast control: allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic
- Management**
 Friendly port names: allow assignment of descriptive names to ports
- Connectivity**
 Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100/1000 ports
- Performance**
 Nonblocking architecture: up to 192 Gbps nonblocking switching fabric provides wire-speed switching with up to 143 million pps throughput
- Resiliency and high availability**
 Separate data and control paths: keeps control separated from services and keeps service processing isolated; increases security and performance

Standard Models	Part number	wc	lp
HP 5500-24G SI Switch	JD369A	9R	\$3,725.00
HP 5500-24G-PoE+ SI Switch with 2 Interface Slots	JG238A	9R	\$4,363.00
HP 5500-48G SI Switch	JD370A	9R	\$6,194.00
HP 5500-48G-PoE+ SI Switch with 2 Interface Slots	JG239A	9R	\$7,291.00

Key options	Part number	lp
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 5500-48 SI Switch Software Support	HR582E	\$12.00
HP 1 year 24x7 5500-24 SI Switch Software Support	HR577E	\$12.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

These Gigabit Ethernet switches deliver quad-speed performance 10/100/1000 and 10 Gigabit Ethernet, as well as advanced voice-enhanced features such as Power over Ethernet (PoE), auto-voice VLAN, and Quality of Service (QoS). As a result, they are ideal for enterprise organizations seeking to build a secure, convergence-enhanced campus network. Robust IPv6 support and 10



HP 5500 SI Switch Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q (GVRP); IEEE 802.1s (MSTP); IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation (LAG); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3af Power over Ethernet; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 100BASE-X; RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 854 TELNET; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1305 NTPv3; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 1887 An Architecture for IPv6 Unicast Address Allocation; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2375 IPv6 Multicast Address Assignments; RFC 2581 TCP Congestion Control; RFC 2616 HTTP Compatibility v1.1; RFC 2644 Directed Broadcast Control; RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2866 RADIUS Accounting; RFC 3246 Expedited Forwarding PHB; RFC 3410 Applicability Statements for SNMP; RFC 3414 User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3); RFC 3415 View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP); RFC 3417 Transport Mappings for the Simple Network Management Protocol (SNMP); RFC 3484 Default Address Selection for Internet Protocol version 6 (IPv6); RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3542 Advanced Sockets Application Program Interface (API) for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extensions to Support IP Version 6; RFC 4113 Management Information Base for the User Datagram Protocol (UDP); RFC 4213 Basic IPv6 Transition Mechanisms; RFC 4443 Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification; 802.1r - GARP Proprietary Attribute Registration Protocol (GPRP)
- IPv6: RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2475 IPv6 DiffServ Architecture; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3162 RADIUS and IPv6; RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses; RFC 3315 DHCPv6 (client and relay); RFC 3484 Default Address Selection for IPv6 ; RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3513 IPv6 Addressing Architecture; RFC 3542 Advanced Sockets API for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 for IPv6; RFC 4113 MIB for UDP; RFC 4443 ICMPv6

These Gigabit Ethernet switches deliver quad-speed performance 10/100/1000 and 10 Gigabit Ethernet, as well as advanced voice-enhanced features such as Power over Ethernet (PoE), auto-voice VLAN, and Quality of Service (QoS). As a result, they are ideal for enterprise organizations seeking to build a secure, convergence-enhanced campus network. Robust IPv6 support and 10



HP 5500 SI Switch Series

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 1918 Address Allocation for Private Internets; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; Access Control Lists (ACLs); MAC Authentication; Port Security; SSHv2 Secure Shell
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 1157 SNMPv1; RFC 1212 Concise MIB definitions; RFC 1215 SNMP Generic traps; RFC 1757 RMON 4 groups: Stats, History, Alarms and Events; RFC 1901 SNMPv2 Introduction; RFC 1918 Private Internet Address Allocation; RFC 2373 Remote Network Monitoring Management Information Base for High Capacity Networks ; RFC 2571 An Architecture for Describing SNMP Management Frameworks; RFC 2572 Message Processing and Dispatching for the Simple Network Management Protocol (SNMP) ; RFC 2573 SNMP Applications; RFC 2573 SNMPv3 Applications; RFC 2574 SNMPv3 User-based Security Model (USM); RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 2576 Coexistence between SNMP versions; RFC 2578 SMIv2; RFC 2581 TCP6; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations ; RFC 3176 sFlow; RFC 3410 Introduction to Version 3 of the Internet-standard Network Management Framework ; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- Latency: 1000 Mb Latency: < 3.2 μ s; 10 Gbps Latency: < 2.6 μ s
- MIBs: RFC 1212 Concise MIB Definitions; RFC 1213 MIB II; RFC 1724 RIPv2 MIB; RFC 1757 Remote Network Monitoring MIB; RFC 2012 SNMPv2 MIB for TCP; RFC 2013 SNMPv2 MIB for UDP; RFC 2233 Interface MIB; RFC 2452 IPV6-TCP-MIB; RFC 2454 IPV6-UDP-MIB; RFC 2465 IPv6 MIB; RFC 2466 ICMPv6 MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2573 SNMP-Target MIB; RFC 2574 SNMP USM MIB; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2819 RMON MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 4113 UDP MIB
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DSCP DiffServ; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF)
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager

These Gigabit Ethernet switches deliver quad-speed performance 10/100/1000 and 10 Gigabit Ethernet, as well as advanced voice-enhanced features such as Power over Ethernet (PoE), auto-voice VLAN, and Quality of Service (QoS). As a result, they are ideal for enterprise organizations seeking to build a secure, convergence-enhanced campus network. Robust IPv6 support and 10



HP 5500 SI Switch Series

- Device management: RFC 1157 SNMPv1/v2c; RFC 1305 NTPv3; RFC 1901 (Community based SNMPv2); RFC 2452 MIB for TCP6; RFC 2454 MIB for UDP6; RFC 2573 (SNMPv3 Applications); RFC 2576 (Coexistence between SNMP V1, V2, V3); RFC 2819 RMON; RFC 3410 (Management Framework); RFC 3416 (SNMP Protocol Operations v2); RFC 3417 (SNMP Transport Mappings); HTML and telnet management; Multiple Configuration Files; SNMP v3 and RMON RFC support; SSHv1/SSHv2 Secure Shell
- Input frequency: 50/60 Hz

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

HP 5800 series switches offer an unmatched combination of Gigabit and 10-Gigabit Ethernet port density, high-availability architecture, and full Layer 2 and Layer 3 dual-stack IPv4 and IPv6 capabilities. In addition to wire-speed line-rate performance on all ports, the switches include patented Intelligent Resilient Framework (IRF) technology and Rapid Ring Protection Protocol (RRPP),



HP 5800 Switch Series

Standard features

- Quality of Service (QoS)**

Powerful QoS feature: creates traffic classes based on access control lists (ACLs), IEEE 802.1p precedence, IP, and DSCP or Type of Service (ToS) precedence; supports filter, redirect, mirror, or remark; supports the following congestion actions: strict priority (SP) queuing, weighted round robin (WRR), weighted fair queuing (WFQ), weighted random early discard (WRED), weighted deficit round robin (WDRR), and SP+WDRR

- Management**

Remote configuration and management: is available through a secure Web browser or a CLI

- Connectivity**

High-density port connectivity: supports up to 84 1-Gigabit ports per unit (612 per stack)

- Performance**

Hardware-based wire-speed access control lists (ACLs): feature-rich ACL implementation (TCAM-based) helps provide high levels of security and ease of administration without impacting network performance

- Resiliency and high availability**

Data center-optimized design: the HP 5800AF-48G Switch (JG225A) supports front-to-back/back-to-front airflow for hot/cold aisles, rear rack mounts, and redundant hot-swappable AC or DC power and fans

- Routing table size: 16000 entries

- General protocols: IEEE 802.1ag Service Layer OAM; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3af Power over Ethernet; IEEE 802.3at; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 925 Multi-LAN Address Resolution; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 3046 DHCP Relay Agent Information Option; RFC 3576 Ext to RADIUS (CoA only); RFC 3768 VRRP; RFC 4675 RADIUS VLAN & Priority; 802.1r - GARP Proprietary Attribute Registration Protocol (GPRP)

- IPv6: RFC 2080 RIPv6 for IPv6; RFC 2460 IPv6 Specification; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2925 Remote Operations MIB (Ping only); RFC 3019 MLDv1 MIB; RFC 3162 RADIUS and IPv6; RFC 3315 DHCPv6 (client and relay); RFC 3315 DHCPv6 (client only); RFC 3810 MLDv2 (host joins only); RFC 4022 MIB for TCP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration

Standard Models	Part number	wc	lp
HP 5800-24G Switch	JC100A	9R	\$6,812.00
HP 5800-24G-PoE Switch	JC099A	9R	\$7,781.00
HP 5800AF-48G Switch	JG225A	9R	\$11,695.00
HP 5800-24G-SFP Switch	JC103A	9R	\$12,645.00
HP 5800-48G Switch	JC105A	9R	\$12,645.00
HP 5800-48G Switch with 2 Slots	JC101A	9R	\$14,593.00
HP 5800-48G-PoE Switch	JC104A	9R	\$14,593.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks 5800-48 Switch Software Support	HR572E	\$47.00
HP 1 year Networks 5800-24 Switch Software Support	HR567E	\$47.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP 5800 series switches offer an unmatched combination of Gigabit and 10-Gigabit Ethernet port density, high-availability architecture, and full Layer 2 and Layer 3 dual-stack IPv4 and IPv6 capabilities. In addition to wire-speed line-rate performance on all ports, the switches include patented Intelligent Resilient Framework (IRF) technology and Rapid Ring Protection Protocol (RRPP),



HP 5800 Switch Series

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (client only); RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv2 Secure Shell
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- OSPF: RFC 2328 OSPFv2; RFC 3101 OSPF NSSA
- IP Multicast: RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3 (host joins only); RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 Draft 2 PIM Dense Mode; RFC 4601 PIM Sparse Mode
- MIBs: IEEE 8021-PAE-MIB; IEEE 8023-LAG-MIB; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1657 BGP-4 MIB; RFC 1724 RIPv2 MIB; RFC 1850 OSPFv2 MIB; RFC 2011 SNMPv2 MIB for IP; RFC 2013 SNMPv2 MIB for UDP; RFC 2233 Interface MIB; RFC 2273 SNMP-NOTIFICATION-MIB; RFC 2452 IPV6-TCP-MIB; RFC 2454 IPV6-UDP-MIB; RFC 2465 IPv6 MIB; RFC 2466 ICMPv6 MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2688 MAU-MIB; RFC 2787 VRRP MIB; RFC 2819 RMON MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3; RFC 3621 Power Ethernet MIB; RFC 3826 AES for SNMP's USM MIB; RFC 4133 Entity MIB (Version 3); LLDP-EXT-DOT1-MIB; LLDP-EXT-DOT3-MIB; LLDP-MIB
- Address table size: 32000 entries
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; RMON1; FTP

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP 5820 Switch Series supports advanced features that deliver a unique combination of unmatched 10 Gigabit Ethernet; Fibre Channel over Ethernet (FCoE) connectivity; high-availability architecture; full Layer 2/3 dual-stack IPv4/IPv6; and line-rate, low-latency performance on all ports. Extensible embedded application capabilities enable these switches to integrate services into



HP 5820 Switch Series

Standard features

- Quality of Service (QoS)**

Powerful QoS feature: creates traffic classes based on access control lists (ACLs), IEEE 802.1p precedence, IP, and DSCP or Type of Service (ToS) precedence; supports filter, redirect, mirror, or remark; supports the following congestion actions: strict priority (SP) queuing, weighted round robin (WRR), weighted fair queuing (WFQ), weighted random early discard (WRED), weighted deficit round robin (WDRR), and SP+WDRR

- Management**

Remote configuration and management: is available through a secure Web browser or a CLI

- Connectivity**

High-density port connectivity: 194 10GbE ports with a 40 Gbps resilient backplane

- Performance**

Hardware-based wire-speed access control lists (ACLs): feature-rich ACL implementation (TCAM-based) helps provide high levels of security and ease of administration without impacting network performance

- Resiliency and high availability**

Data center-optimized design: the HP 5820AF-24XG Switch (JG219A) supports front-to-back/back-to-front airflow for hot/cold aisles, rear rack mounts, and redundant hot-swappable AC or DC power and fans

- Routing table size: 12000 entries

- General protocols: IEEE 802.1ag Service Layer OAM; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 925 Multi-LAN Address Resolution; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 3046 DHCP Relay Agent Information Option; RFC 3576 Ext to RADIUS (CoA only); RFC 3768 VRRP; RFC 4675 RADIUS VLAN & Priority; RFC3323 A Privacy Mechanism for the Session Initiation Protocol (SIP); 802.1r - GARP Proprietary Attribute Registration Protocol (GPRP)

- IPv6: RFC 2080 RIPng for IPv6; RFC 2460 IPv6 Specification; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2925 Remote Operations MIB (Ping only); RFC 3019 MLDv1 MIB; RFC 3162 RADIUS and IPv6; RFC 3315 DHCPv6 (client and relay); RFC 3315 DHCPv6 (client only); RFC 3810 MLDv2 (host joins only); RFC 4022 MIB for TCP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration

Standard Models	Part number	wc	lp
HP 5820-24XG-SFP+ Switch	JC102A	4U	\$17,521.00
HP 5820AF-24XG Switch	JG219A	4U	\$17,550.00
HP 5820-14XG-SFP+ Switch with 2 Slots	JC106A	4U	\$19,469.00

Key options	Part number	lp
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00
HP X130 10G SFP+ LC LRM Transceiver	JD093B	\$1,906.00
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks 5820 Switch Software Support	HR562E	\$327.00
HP Networks 5810 5800 Series Switch Installation Service	UX120E	\$350.00
HP 3 year 9x5 582x Software Support	HS553E	\$787.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 5820 Switch Series supports advanced features that deliver a unique combination of unmatched 10 Gigabit Ethernet; Fibre Channel over Ethernet (FCoE) connectivity; high-availability architecture; full Layer 2/3 dual-stack IPv4/IPv6; and line-rate, low-latency performance on all ports. Extensible embedded application capabilities enable these switches to integrate services into



HP 5820 Switch Series

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (client only); RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv2 Secure Shell
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- OSPF: RFC 2328 OSPFv2; RFC 3101 OSPF NSSA
- IP Multicast: RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3 (host joins only); RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 Draft 2 PIM Dense Mode; RFC 4601 Draft 10 PIM Sparse Mode
- MIBs: IEEE8021-PAE-MIB; IEEE8023-LAG-MIB; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1657 BGP-4 MIB; RFC 1724 RIPv2 MIB; RFC 1850 OSPFv2 MIB; RFC 2011 SNMPv2 MIB for IP; RFC 2013 SNMPv2 MIB for UDP; RFC 2233 Interface MIB; RFC 2273 SNMP-NOTIFICATION-MIB; RFC 2452 IPV6-TCP-MIB; RFC 2454 IPV6-UDP-MIB; RFC 2465 IPv6 MIB; RFC 2466 ICMPv6 MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Notification MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2688 MAU-MIB; RFC 2787 VRRP MIB; RFC 2819 RMON MIB; RFC 2925 Ping MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3; RFC 3621 Power Ethernet MIB; RFC 3826 AES for SNMP's USM MIB; RFC 4133 Entity MIB (Version 3); LLDP-EXT-DOT1-MIB; LLDP-EXT-DOT3-MIB; LLDP-MIB
- Address table size: 32000 entries
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; RMON1; FTP

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP 5830AF Switch Series is a family of high-density 1 GbE top-of-rack data center and campus switches that are a part of the HP FlexFabric solution module of the HP FlexNetwork architecture. The two models, the 5830AF-48G and 5830AF-96G switches, are ideally suited for deployments at the server access layer in medium-sized and large enterprise data centers and campus networks.



HP 5830 Switch Series

Standard features

- Quality of Service (QoS)**

Traffic policing: supports Committed Access Rate (CAR) and line rate

- Management**

sFlow (RFC 3176): provides scalable ASIC-based wire-speed network monitoring and accounting with no impact on network performance; this allows network operators to gather a variety of sophisticated network statistics and information for capacity planning and real-time network monitoring purposes

- Connectivity**

Jumbo frames: on Gigabit Ethernet and 10-Gigabit ports, jumbo frames allow high-performance remote backup and disaster-recovery services

- Performance**

Extraordinarily high port density: the HP 5830AF-96G Switch is a single box-type switch that can provide 96 GbE ports and 10 10-GbE ports simultaneously with full line-rate switching and forwarding

- Resiliency and high availability**

Device Link Detection Protocol (DLDP): monitors link connectivity and shuts down ports at both ends if unidirectional traffic is detected, preventing loops in STP-based networks

- Routing table size: 12000 entries

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1492 An Access Control Protocol, Sometimes Called TACACS; RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2408 Internet Security Association and Key Management Protocol (ISAKMP) ; RFC 2409 The Internet Key Exchange (IKE); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Port Security; SSHv1/SSHv2 Secure Shell

Standard Models	Part number	wc	lp
HP 5830AF-48G Switch with 1 Interface Slot	JC691A	4U	\$12,761.00
HP 5830AF-48G TAA-compliant Switch w/1 Interface Slot	JG316A	4U	\$13,000.00
HP 5830AF-96G Switch	JC694A	4U	\$25,535.00
HP 5830AF-96G TAA-compliant Switch	JG374A	4U	\$25,800.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 A5830-48 Switch Software Support	HS934E	\$342.00
HP Networks 5810 5800 Series Switch Installation Service	UX120E	\$350.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 5830AF Switch Series is a family of high-density 1 GbE top-of-rack data center and campus switches that are a part of the HP FlexFabric solution module of the HP FlexNetwork architecture. The two models, the 5830AF-48G and 5830AF-96G switches, are ideally suited for deployments at the server access layer in medium-sized and large enterprise data centers and campus networks.



HP 5830 Switch Series

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2154 OSPF w/ Digital Signatures (Password, MD-5); RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3137 OSPF Stub Router Advertisement; RFC 3630 Traffic Engineering Extensions to OSPF Version 2; RFC 4061 Benchmarking Basic OSPF Single Router Control Plane Convergence; RFC 4062 OSPF Benchmarking Terminology and Concepts; RFC 4063 Considerations When Using Basic OSPF Convergence Benchmarks; RFC 4222 Prioritized Treatment of Specific OSPF Version 2 Packets and Congestion Avoidance; RFC 4811 OSPF Out-of-Band LSDB Resynchronization; RFC 4812 OSPF Restart Signaling; RFC 4813 OSPF Link-Local Signaling; RFC 4940 IANA Considerations for OSPF
- QoS/Cos: IEEE 802.1P (CoS); RFC 1349 Type of Service in the Internet Protocol Suite; RFC 2211 Specification of the Controlled-Load Network Element Service; RFC 2212 Guaranteed Quality of Service; RFC 2474 DSCP DiffServ; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF)

The HP 5830AF Switch Series is a family of high-density 1 GbE top-of-rack data center and campus switches that are a part of the HP FlexFabric solution module of the HP FlexNetwork architecture. The two models, the 5830AF-48G and 5830AF-96G switches, are ideally suited for deployments at the server access layer in medium-sized and large enterprise data centers and campus networks.



HP 5830 Switch Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3at; IEEE 802.3u 100BASE-X; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 894 IP over Ethernet; RFC 903 RARP; RFC 906 TFTP Bootstrap; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP); RFC 1027 Proxy ARP; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1305 NTPv3; RFC 1350 TFTP Protocol (revision 2); RFC 1393 Traceroute Using an IP Option; RFC 1519 CIDR; RFC 1531 Dynamic Host Configuration Protocol; RFC 1533 DHCP Options and BOOTP Vendor Extensions; RFC 1591 DNS (client only) ; RFC 1624 Incremental Internet Checksum; RFC 1701 Generic Routing Encapsulation; RFC 1721 RIP-2 Analysis; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2091 Trigger RIP; RFC 2131 DHCP; RFC 2138 Remote Authentication Dial In User Service (RADIUS); RFC 2453 RIPv2; RFC 2644 Directed Broadcast Control; RFC 2763 Dynamic Name-to-System ID mapping; RFC 2784 Generic Routing Encapsulation (GRE); RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2966 Domain-wide Prefix Distribution with Two-Level IS-IS; RFC 2973 IS-IS Mesh Groups; RFC 3277 IS-IS Transient Blackhole Avoidance; RFC 3567 Intermediate System to Intermediate System (IS-IS) Cryptographic Authentication; RFC 3719 Recommendations for Interoperable Networks using Intermediate System to Intermediate System (IS-IS); RFC 3784 ISIS TE support; RFC 3786 Extending the Number of IS-IS LSP Fragments Beyond the 256 Limit; RFC 3787 Recommendations for Interoperable IP Networks using Intermediate System to Intermediate System (IS-IS); RFC 3847 Restart signaling for IS-IS; RFC 4251 The Secure Shell (SSH) Protocol Architecture; RFC 5130 A Policy Control Mechanism in IS-IS Using Administrative Tags

The HP 5830AF Switch Series is a family of high-density 1 GbE top-of-rack data center and campus switches that are a part of the HP FlexFabric solution module of the HP FlexNetwork architecture. The two models, the 5830AF-48G and 5830AF-96G switches, are ideally suited for deployments at the server access layer in medium-sized and large enterprise data centers and campus networks.



HP 5830 Switch Series

- IPv6: RFC 1886 DNS Extension for IPv6; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2081 RIPng Protocol Applicability Statement; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2526 Reserved IPv6 Subnet Anycast Addresses; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2767 Dual stacks IPv4 & IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3484 Default Address Selection for IPv6 ; RFC 3513 IPv6 Addressing Architecture; RFC 3736 Stateless Dynamic Host Configuration Protocol (DHCP) Service for IPv6; RFC 3810 MLDv2 for IPv6; RFC 4214 Intra-Site Automatic Tunnel Addressing Protocol (ISATAP)
- BGP: RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2796 BGP Route Reflection; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability; RFC 3065 Autonomous System Confederations for BGP; RFC 3392 Capabilities Advertisement with BGP-4; RFC 4271 A Border Gateway Protocol 4 (BGP-4); RFC 4272 BGP Security Vulnerabilities Analysis; RFC 4273 Definitions of Managed Objects for BGP-4; RFC 4274 BGP-4 Protocol Analysis; RFC 4275 BGP-4 MIB Implementation Survey; RFC 4276 BGP-4 Implementation Report; RFC 4277 Experience with the BGP-4 Protocol; RFC 4360 BGP Extended Communities Attribute; RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP); RFC 5291 Outbound Route Filtering Capability for BGP-4; RFC 5292 Address-Prefix-Based Outbound Route Filter for BGP-4
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1448 Protocol Operations for version 2 of the Simple Network Management Protocol (SNMPv2) ; RFC 2211 Controlled-Load Network; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; RFC 3411 SNMP Management Frameworks; RFC 3412 SNMPv3 Message Processing; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED)

The HP 5830AF Switch Series is a family of high-density 1 GbE top-of-rack data center and campus switches that are a part of the HP FlexFabric solution module of the HP FlexNetwork architecture. The two models, the 5830AF-48G and 5830AF-96G switches, are ideally suited for deployments at the server access layer in medium-sized and large enterprise data centers and campus networks.



HP 5830 Switch Series

- IP Multicast: RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode (Premium Edge License); RFC 3376 IGMPv3; RFC 3446 Anycast Rendezvous Point (RP) mechanism using Protocol Independent Multicast (PIM) and Multicast Source Discovery Protocol (MSDP); RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 PIM Dense Mode; RFC 4541 Considerations for Internet Group Management Protocol (IGMP) and Multicast Listener Discovery (MLD) Snooping Switches; RFC 4601 Draft 10 PIM Sparse Mode; RFC 4604 Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast; RFC 4605 IGMP/MLD Proxying; RFC 4607 Source-Specific Multicast for IP; RFC 4610 Anycast-RP Using Protocol Independent Multicast (PIM); RFC 5059 Bootstrap Router (BSR) Mechanism for Protocol Independent Multicast (PIM)
- Address table size: 32000 entries

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP 5900 Switch Series is a family of high-density, ultra-low latency, top-of-rack (ToR) switches. It is part of the HP FlexNetwork architecture's HP FlexFabric solution. Ideally suited for deployment at the server access layer of large enterprise data centers, the HP 5900 Switch Series is also powerful enough for deployment at the data center core layer of medium-sized enterprises. With



HP 5900 Switch Series

Standard features

- Quality of Service (QoS)**

Powerful QoS features: Flexible classification: creates traffic classes based on access control lists (ACLs), IEEE 802.1p precedence, IP, and DSCP or Type of Service (ToS) precedence; supports filter, redirect, mirror, remark, and logging. Feature support: provides support for Strict Priority Queuing (SP), Weighted Fair Queuing (WFQ), Weighted Deficit Round Robin(WDRR), SP+WDRR together, configurable buffers, Explicit Congestion Notification (ECN), and Weighted Random Early Detection (WRED).

- Data center optimized**

Flexible high port density: - the HP 5900 Switch Series enables scaling of the server-edge with 1GbE and 10GbE ToR deployments to new heights with high-density 48-port solutions delivered in a 1RU design. - the high server port density is backed by 40-GbE QSFP+ uplinks to deliver availability of needed bandwidth for demanding applications. - each 40-GbE QSFP+ port can also be configured as four 10GbE ports by using a 40G-to-10GbE splitter cable.

- Manageability**

Full-featured console: provides complete control of the switch with a familiar CLI

- Resiliency and high availability**

HP Intelligent Resilient Framework (IRF) technology: - enables an HP FlexFabric to deliver resilient, scalable, and secured data center networks for physical and virtualized environments. - groups up to four HP 5900 switches in an IRF configuration, allowing them to be configured and managed as a single switch with a single IP address. - simplifies ToR deployment and management, reducing data center deployment and operating expenses.

- Layer 2 switching**

MAC-based VLAN: provides granular control and security; uses RADIUS to map a MAC address/user to specific VLANs

- Routing table size: 16000 entries (IPv4), 8000 entries (IPv6)

- Security features: Access Control Lists (ACLs); SSHv2 Secure Shell

- OSPF: RFC 1587 OSPF NSSA; RFC 2328 OSPFv2; RFC 3101 OSPF NSSA; RFC 3137 OSPF Stub Router Advertisement; RFC 3623 Graceful OSPF Restart; RFC 4577 OSPF as the Provider/Customer Edge Protocol for BGP/MPLS IP Virtual Private Networks (VPNs); RFC 4811 OSPF Out-of-Band LSDB Resynchronization; RFC 4812 OSPF Restart Signaling; RFC 4813 OSPF Link-Local Signaling

- QoS/Cos: "IEEE 802.1P (CoS); RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 3247 Supplemental Information for the New Definition of the EF PHB (Expedited Forwarding Per-Hop Behavior) ; RFC 3260 New Terminology and Clarifications for DiffServ"

- Memory and processor: 512 MB flash, packet buffer size: 9 MB, 2 GB SDRAM

Standard Models	Part number	wc	lp
HP 5900AF-48G-4XG-2QSFP+ Switch	JG510A	4U	\$15,959.00
HP 5900AF-48XGT-4QSFP+ Switch	JG336A	4U	\$25,789.00
HP 5900AF-48XG-4QSFP+ TAA-compliant Switch	JG554A	4U	\$30,790.00
HP 5900AF-48XG-4QSFP+ Switch	JC772A	4U	\$30,926.00

Key options	Part number	lp
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Networks 5810 5800 Series Switch Installation Service	UX120E	\$350.00
HP 1 year 24x7 5900 Switch Software Support	U5X92E	\$655.00
HP 1 year Post Warranty Next business day Exchange Networks HP 5900-48 Switch Service	U4N85PE	\$1,531.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 5900 Switch Series is a family of high-density, ultra-low latency, top-of-rack (ToR) switches. It is part of the HP FlexNetwork architecture's HP FlexFabric solution. Ideally suited for deployment at the server access layer of large enterprise data centers, the HP 5900 Switch Series is also powerful enough for deployment at the data center core layer of medium-sized enterprises. With



HP 5900 Switch Series

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ag Ethernet OAM; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 856 TELNET; RFC 868 Time Protocol; RFC 896 Congestion Control in IP/TCP Internetworks; RFC 950 Internet Standard Subnetting Procedure ; RFC 1027 Proxy ARP; RFC 1058 RIPv1; RFC 1091 Telnet Terminal-Type Option; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1191 Path MTU discovery; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1253 (OSPF v2); RFC 1531 Dynamic Host Configuration Protocol; RFC 1533 DHCP Options and BOOTP Vendor Extensions; RFC 1534 DHCP/BOOTP Interoperation; RFC 1541 DHCP; RFC 1591 DNS (client only) ; RFC 1624 Incremental Internet Checksum; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2338 VRRP; RFC 2453 RIPv2; RFC 2581 TCP Congestion Control; RFC 2644 Directed Broadcast Control; RFC 2767 Dual Stacks IPv4 & IPv6; RFC 3046 DHCP Relay Agent Information Option; RFC 3768 Virtual Router Redundancy Protocol (VRRP); RFC 4250 The Secure Shell (SSH) Protocol Assigned Numbers; RFC 4251 The Secure Shell (SSH) Protocol Architecture; RFC 4252 The Secure Shell (SSH) Authentication Protocol; RFC 4253 The Secure Shell (SSH) Transport Layer Protocol; RFC 4254 The Secure Shell (SSH) Connection Protocol; RFC 4364 BGP/MPLS IP Virtual Private Networks (VPNs); RFC 4419 Diffie-Hellman Group Exchange for the Secure Shell (SSH) Transport Layer Protocol; RFC 4594 Configuration Guidelines for DiffServ Service Classes; RFC 4941 Privacy Extensions for Stateless Address Autoconfiguration in IPv6
- IPv6: RFC 2080 RIPv6 for IPv6; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2563 ICMPv6; RFC 2711 IPv6 Router Alert Option; RFC 2740 OSPFv3 for IPv6; RFC 2767 Dual stacks IPv4 & IPv6; RFC 3315 DHCPv6 (client and relay); RFC 4291 IP Version 6 Addressing Architecture ; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 5095 Deprecation of Type 0 Routing Headers in IPv6
- BGP: RFC 1163 Border Gateway Protocol (BGP); RFC 1771 BGPv4; RFC 1997 BGP Communities Attribute; RFC 2918 Route Refresh Capability; RFC 3392 Capabilities Advertisement with BGP-4; RFC 4271 A Border Gateway Protocol 4 (BGP-4); RFC 4360 BGP Extended Communities Attribute; RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP); RFC 4760 Multiprotocol Extensions for BGP-4
- Network management: RFC 3164 BSD syslog Protocol
- Latency: 10 Gbps Latency: < 1.5 μ s (64-byte packets)

The HP 5900 Switch Series is a family of high-density, ultra-low latency, top-of-rack (ToR) switches. It is part of the HP FlexNetwork architecture's HP FlexFabric solution. Ideally suited for deployment at the server access layer of large enterprise data centers, the HP 5900 Switch Series is also powerful enough for deployment at the data center core layer of medium-sized enterprises. With



HP 5900 Switch Series

The HP 5920 Switch Series is made up of high-density 10GbE, ultra-deep packet buffering, top-of-rack (ToR) switches. These switches are part of the HP FlexNetwork architecture's HP FlexFabric solution module and are ideally suited for deployments at the server access layer of large enterprise data centers. The HP 5920 Switch Series is also designed for content delivery networks,



HP 5920 Switch Series

Standard features

- Quality of Service (QoS)**

Powerful QoS features: Flexible classification: creates traffic classes based on access control lists (ACLs), IEEE 802.1p precedence, IP, and DSCP or Type of Service (ToS) precedence; supports filter, redirect, mirror, remark, and logging. Feature support: provides support for Strict Priority Queuing (SP), Weighted Fair Queuing (WFQ), Weighted Deficit Round Robin(WDRR), SP+WDRR together, configurable buffers, Explicit Congestion Notification (ECN), and Weighted Random Early Detection (WRED).

- Data center optimized**

High-performance 10GbE switching: enables you to scale your server-edge 10GbE ToR deployments with 24 high-density 10GbE ports delivered in a 1RU design; delivers a 480 Gbps (357.12 Mpps) switching capacity in addition to incorporating 3.6 GB of packet buffers

- Management**

IEEE 802.1AB Link Layer Discovery Protocol (LLDP): advertises and receives management information from adjacent devices on a network, facilitating easy mapping by network management applications

- Resiliency and high availability**

Intelligent Resilient Framework (IRF): HP IRF technology enables an HP FlexFabric to deliver resilient, scalable, and secured data center networks for physical and virtualized environments; up to four 5920 switches can be grouped together in an IRF configuration, which allows them to be configured and managed as a single switch with a single IP address; this simplifies ToR deployment and management, reducing data center deployment and operating expenses

- Layer 2 switching**

Address Resolution Protocols (ARP): supports static, dynamic, and reverse ARP and ARP proxy

- Routing table size: 16000 entries
- Routing/switching capacity: 480 Gbps
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; Access Control Lists (ACLs); Guest VLAN for 802.1x; Port Security; SSHv1/SSHv2 Secure Shell
- OSPF: RFC 1587 OSPF NSSA; RFC 2328 OSPFv2; RFC 3101 OSPF NSSA; RFC 3137 OSPF Stub Router Advertisement; RFC 3623 Graceful OSPF Restart; RFC 4577 OSPF as the Provider/Customer Edge Protocol for BGP/MPLS IP Virtual Private Networks (VPNs); RFC 4811 OSPF Out-of-Band LSDB Resynchronization; RFC 4812 OSPF Restart Signaling; RFC 4813 OSPF Link-Local Signaling; RFC 5340 OSPFv3 for IPv6
- QoS/Cos: IEEE 802.1P (CoS); RFC 1349 Type of Service in the Internet Protocol Suite; RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 3168 The Addition of Explicit Congestion Notification (ECN) to IP; RFC 3247 Supplemental Information for the New Definition of the EF PHB (Expedited Forwarding Per-Hop Behavior) ; RFC 3260 New Terminology and Clarifications for DiffServ; Ingress Rate Limiting
- Memory and processor: 256 MB flash, packet buffer size: 3.6 GB, 2 GB SDRAM

Standard Models	Part number	wc	lp
HP 5920AF-24XG TAA-compliant Switch	JG555A	4U	\$19,990.00
HP 5920AF-24XG Switch	JG296A	4U	\$20,767.00

Key options	Part number	lp
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Networks 5810 5800 Series Switch Installation Service	UX120E	\$350.00
HP 1 year 24x7 5920-24 Switch Software Support	U0U78E	\$384.00
HP 1 year Post Warranty Next business day Exchange Networks HP 5920-24 Switch Service	U4F02PE	\$897.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

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HP 5920 Switch Series

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ag Ethernet OAM; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 856 TELNET; RFC 868 Time Protocol; RFC 896 Congestion Control in IP/TCP Internetworks; RFC 903 RARP; RFC 950 Internet Standard Subnetting Procedure ; RFC 959 File Transfer Protocol (FTP); RFC 1058 RIPv1; RFC 1091 Telnet Terminal-Type Option; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1191 Path MTU discovery; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1253 (OSPF v2); RFC 1350 TFTP Protocol (revision 2); RFC 1531 Dynamic Host Configuration Protocol; RFC 1533 DHCP Options and BOOTP Vendor Extensions; RFC 1534 DHCP/BOOTP Interoperation; RFC 1541 DHCP; RFC 1591 DNS (client only) ; RFC 1624 Incremental Internet Checksum; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2131 DHCP; RFC 2236 IGMP Snooping; RFC 2338 VRRP; RFC 2453 RIPv2; RFC 2581 TCP Congestion Control; RFC 2644 Directed Broadcast Control; RFC 3046 DHCP Relay Agent Information Option; RFC 3768 Virtual Router Redundancy Protocol (VRRP); RFC 4250 The Secure Shell (SSH) Protocol Assigned Numbers; RFC 4251 The Secure Shell (SSH) Protocol Architecture; RFC 4252 The Secure Shell (SSH) Authentication Protocol; RFC 4253 The Secure Shell (SSH) Transport Layer Protocol; RFC 4254 The Secure Shell (SSH) Connection Protocol; RFC 4364 BGP/MPLS IP Virtual Private Networks (VPNs); RFC 4419 Diffie-Hellman Group Exchange for the Secure Shell (SSH) Transport Layer Protocol; RFC 4594 Configuration Guidelines for DiffServ Service Classes; RFC 4941 Privacy Extensions for Stateless Address Autoconfiguration in IPv6
- IPv6: RFC 2080 RIPng for IPv6; RFC 2460 IPv6 Specification; RFC 2711 IPv6 Router Alert Option; RFC 2740 OSPFv3 for IPv6; RFC 3315 DHCPv6 (client only); RFC 4291 IP Version 6 Addressing Architecture ; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 5095 Deprecation of Type 0 Routing Headers in IPv6
- BGP: RFC 1163 Border Gateway Protocol (BGP); RFC 1771 BGPv4; RFC 1997 BGP Communities Attribute; RFC 2918 Route Refresh Capability; RFC 3392 Capabilities Advertisement with BGP-4; RFC 4271 A Border Gateway Protocol 4 (BGP-4); RFC 4360 BGP Extended Communities Attribute; RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP); RFC 4760 Multiprotocol Extensions for BGP-4
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 3164 BSD syslog Protocol; RFC 3176 sFlow; SNMPv1/v2c/v3

Warranty

The HP 5920 Switch Series is made up of high-density 10GbE, ultra-deep packet buffering, top-of-rack (ToR) switches. These switches are part of the HP FlexNetwork architecture's HP FlexFabric solution module and are ideally suited for deployments at the server access layer of large enterprise data centers. The HP 5920 Switch Series is also designed for content delivery networks,



HP 5920 Switch Series

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

ProCurve Switch 2910a1 series is a cost-effective, flexible, scalable solution for customers who are building high-performance networks.



Серия коммутаторов HP ProCurve 2910a1

- Средства связи: RFC 1591 DNS (клиент); Управление HTML и Telnet; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLAN; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP (версия 2); RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; Протокол Time (RFC 868); RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP (версия 2); RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 3046 DHCP Relay Agent Information Option; RFC 3376 IGMPv3 (только соединение хостов); RFC 1981, обнаружение MTU пути IPv6; RFC 2460, спецификация IPv6; RFC 2710, Multicast Listener Discovery (MLD) для IPv6; RFC 2925, Remote Operations MIB (только ping); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (только для клиента); RFC 3513, архитектура адресации IPv6; RFC 3596, расширение DNS для IPv6; RFC 3810 MLDv2 (только соединение с хостом); RFC 4022 MIB для TCP; RFC 4113 MIB для UDP; RFC 4251, архитектура SSHv6; RFC 4252, аутентификация SSHv6; RFC 4253, транспортный уровень SSHv6; RFC 4254, соединение SSHv6; RFC 4293 MIB для IP; RFC 4419, обмен ключами для SSH; RFC 4443 ICMPv6; RFC 4541, коммутатор IGMP и MLD Snooping; RFC 4861, обнаружение соседей IPv6; RFC 4862, автоматическое присвоение IPv6 адреса без фиксации состояния; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 2021 RMONv2 MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p и IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (версия 2); RFC 2863 The Interfaces Group MIB; RFC 2474 DiffServ Precedence, в том числе 8 очередей/порт; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF), ограничение пропускной способности входящего трафика; IEEE 802.1X Port Based Network Access Control RFC 1492 TACACS+; RFC 2138 RADIUS Authentication; RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL).
- Функции управления: Система сетевого управления HP ProCurve Manager Plus; HP ProCurve Manager (входит в комплект поставки); интерфейс командной строки; Web-обозреватель; внеполосное управление (последовательный интерфейс RS-232C).

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

Standard Models	Part number	wc	lp
Коммутатор HP ProCurve 2910a1-24G	J9145A	9R	\$2,340.00
Коммутатор HP ProCurve 2910a1-24G-PoE+	J9146A	9R	\$3,088.00
Коммутатор HP ProCurve 2910a1-48G	J9147A	9R	\$4,146.00
Коммутатор HP ProCurve 2910a1-48G-PoE+	J9148A	9R	\$5,925.00

Key options	Part number	lp
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00
Трансивер HP X122 1G SFP LC BX-U	J9143B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 Stack24 Switch Software Support	HR892E	\$12.00
HP 1 year 24x7 Stack48 Switch Software Support	HR897E	\$12.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP ProCurve 6600 Switch Series consists of the most advanced data center server edge switches in the HP ProCurve Networking product line.



Серия коммутаторов HP ProCurve 6600

- Средства связи: RFC 1591 DNS (клиент); Управление HTML и Telnet; IEEE 802.1ad Q-in-Q (лицензия Premium); IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLAN; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP (версия 2); RFC 792 ICMP; RFC 793 TCP; UDLD (Обнаружение однонаправленных связей); RFC 826 ARP; RFC 854 TELNET; Протокол Time (RFC 868); RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP (версия 2); RFC 1519 CIDR; Расширения RFC 1542 BOOTP; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 2548 (только MS-RAS-Vendor); RFC 3046 DHCP Relay Agent Information Option; RFC 3576 Расширения RADIUS (только CoA); RFC 3768 VRRP; RFC 4675 RADIUS VLAN и приоритеты; RFC 3376 IGMPv3 (только соединение хостов); RFC 3973 Draft 2 PIM, режим плотного трафика (лицензия Premium); RFC 4601 Draft 10 PIM, режим разреженного трафика (лицензия Premium); RFC 1981, обнаружение MTU пути IPv6; RFC 2460, спецификация IPv6; RFC 2710, Multicast Listener Discovery (MLD) для IPv6; RFC 2925, Remote Operations MIB (только ping); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (только для клиента); RFC 3513, архитектура адресации IPv6; RFC 3596, расширение DNS для IPv6; RFC 3810 MLDv2 (только соединение с хостом); RFC 4022 MIB для TCP; RFC 4113 MIB для UDP; RFC 4251, архитектура SSHv6; RFC 4252, аутентификация SSHv6; RFC 4253, транспортный уровень SSHv6; RFC 4254, соединение SSHv6; RFC 4293 MIB для IP; RFC 4419, обмен ключами для SSH; RFC 4443 ICMPv6; RFC 4541, коммутатор IGMP и MLD Snooping; RFC 4861, обнаружение соседей IPv6; RFC 4862, автоматическое присвоение IPv6 адреса без фиксации состояния; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 1850 OSPFv2 MIB; RFC 2021 RMONv2 MIB; RFC 2096 IP Forwarding Table MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p и IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (версия 2); RFC 2787 VRRP MIB; RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB; RFC 2328 OSPFv2 (лицензия Premium); RFC 3101 OSPF NSSA; RFC 2474 DiffServ Precedence, в том числе 8 очередей/порт; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (только клиент); RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv2 Secure Shell.
- Функции управления: Система сетевого управления HP ProCurve Manager Plus; HP ProCurve Manager (входит в комплект поставки); интерфейс командной строки; Web-обозреватель; меню конфигурации; внеполосное управление (последовательный интерфейс RS-232C).

Standard Models	Part number	wc	lp
Коммутатор HP ProCurve 6600-48G-4XG	J9452A	9R	\$13,134.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 Stack48 Switch Software Support	HR897E	\$12.00
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE264E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

The HP ProCurve 6600 Switch Series consists of the most advanced data center server edge switches in the HP ProCurve Networking product line.



Серия коммутаторов HP ProCurve 6600

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

Устройство ProCurve Switch серии 3500yl состоит из самых современных коммутаторов на основе концепции интеллектуальной границы в серии сетевых устройств ProCurve.

Серия коммутаторов ProCurve 3500yl

- Средства связи: RFC 1591 DNS (client); HTML and telnet management; IEEE 802.1ad Q-in-Q (Premium License); IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; UDLD (Uni-directional Link Detection); RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 2548 (MS-RAS-Vendor only); RFC 3046 DHCP Relay Agent Information Option; RFC 3576 Ext to RADIUS (CoA only); RFC 3768 VRRP (Premium License); RFC 4675 RADIUS VLAN & Priority; RFC 3376 IGMPv3 (host joins only); RFC 3973 Draft 2 PIM Dense Mode (Premium License); RFC 4601 Draft 10 PIM Sparse Mode (Premium License); RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2925 Remote Operations MIB (Ping only); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 1850 OSPFv2 MIB; RFC 2021 RMONv2 MIB; RFC 2096 IP Forwarding Table MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2787 VRRP MIB; RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB; RFC 2328 OSPFv2 (Premium License); RFC 3101 OSPF NSSA; RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (client only); RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv1/SSHv2 Secure Shell
- Функции управления: HP ProCurve Manager (included); HP ProCurve Manager Plus; command-line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)

Standard Models	Part number	wc	lp
Коммутатор HP ProCurve 3500-24	J9470A	9R	\$2,734.00
Коммутатор HP ProCurve 3500-24	J9471A	9R	\$3,462.00
Коммутатор HP ProCurve 3500-48	J9472A	9R	\$4,574.00
HP 3500-24G-PoE yl Switch	J8692A	9R	\$4,611.00
Коммутатор HP ProCurve 3500yl-24G-PoE+	J9310A	9R	\$4,975.00
Коммутатор HP ProCurve 3500-48-PoE	J9473A	9R	\$5,916.00
HP 3500-48G-PoE yl Switch	J8693A	9R	\$7,924.00
Коммутатор HP ProCurve 3500yl-48G-PoE+	J9311A	9R	\$8,561.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
Трансивер HP X131 10-GbE X2 CX4	J8440C	\$1,099.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 Stack24 Switch Software Support	HR892E	\$12.00
HP 1 year 24x7 Stack48 Switch Software Support	HR897E	\$12.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

Устройство ProCurve Switch серии 3500yl состоит из самых современных коммутаторов на основе концепции интеллектуальной границы в серии сетевых устройств ProCurve.

Серия коммутаторов ProCurve 3500yl

- **9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

The HP ProCurve Switch 6200yl-24G-mGBIC is an advanced Layer 3 stackable in 1U height. It has 24 mini-GBIC slots and an expansion slot for an optional 4-port 10-GbE module.

Серия коммутаторов ProCurve 6200yl

Warranty

- **9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
Коммутатор ProCurve 6200yl-24G mGBIC	J8992A	9R	\$10,053.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 Stack24 Switch Software Support	HR892E	\$12.00
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE262E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
CX4 Cables/Cable Options										
HP X230 Local Connect 50cm CX4 Cable	JD363B	\$212.00							•	
HP X230 Local Connect 100cm CX4 Cable	JD364B	\$233.00							•	
HP X230 CX4 to CX4 3m Cable	JD365A	\$297.00							•	
Cable Options										
HP X510 1U Cable Guard	J9700A	\$49.00	•	•						
Direct Attach Cables										
Кабель прямого подключения HP X242 SFP+ SFP+ 1 м	J9281B	\$181.00			•			•		
Кабель прямого подключения HP X242 SFP+ SFP+ 3 м	J9283B	\$273.00			•			•		
Кабель прямого подключения HP X242 SFP+ SFP+ 7 м	J9285B	\$360.00			•			•		
HP X242 10G SFP+ to SFP+ 10m Direct Attach Copper Cable	J9286B	\$463.00			•			•		
HP X242 10G SFP+ to SFP+ 15m Direct Attach Copper Cable	J9287B	\$563.00			•			•		
HP X244 10G XFP to SFP+ 1m Direct Attach Copper Cable	J9300A	\$929.00			•			•		
HP 10G X244 XFP to SFP+ 3m Direct Attach Copper Cable	J9301A	\$998.00			•			•		
HP 10G X244 XFP to SFP+ 5m Direct Attach Copper Cable	J9302A	\$1,066.00			•			•		
Fiber Cables										
Сетевой кабель HP 0,5 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ833A	\$75.00	•	•	•	•	•	•	•	•
Сетевой кабель HP 1 метр, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ834A	\$80.00			•	•	•	•	•	•
Сетевой кабель HP 2 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ835A	\$90.00			•	•	•	•	•	•
Сетевой кабель HP 5 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ836A	\$105.00			•	•	•	•	•	•
Сетевой кабель HP 15 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ837A	\$125.00			•	•	•	•	•	•
Сетевой кабель HP 30 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ838A	\$180.00			•	•	•	•	•	•
Сетевой кабель HP 50 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ839A	\$255.00			•	•	•	•	•	•
Networking Fans/Fan Options										
HP 3800 Switch Fan Tray	J9582A	\$272.00						•		
Power Connections										
Кабель HP X290 1000 A JD5 Non-PoE 2 м RPS	JD188A	\$20.00				•				
Кабель HP X290 500 V 1 м RPS	JD186A	\$25.00				•				
Кабель HP X290 1000 A JD5 2 м RPS	JD187A	\$29.00				•	•		•	•

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
Кабель HP X290 1,000 В JD5 2 м RPS	JD189A	\$29.00				•				
Кабель HP X290 500/800 1 м RPS	JD190A	\$40.00							•	
Redundant Power Supplies										
HP RPS 800 Redundant Power Supply	JD183A	\$1,159.00				•			•	
HP RPS1600 1600W AC Power Supply	JG137A	\$1,526.00				•	•		•	•
HP RPS1600 Redundant Power System	JG136A	\$2,009.00				•	•		•	•
Shelf Kits										
HP X520 1U Power Adapter Shelf	J9701A	\$49.00	•	•						
Stacking Cables										
HP 2920 0.5m Stacking Cable	J9734A	\$140.00			•					
HP 2920 1.0m Stacking Cable	J9735A	\$185.00			•					
HP 3800 0.5m Stacking Cable	J9578A	\$266.00						•		
HP 2920 3.0m Stacking Cable	J9736A	\$292.00			•					
HP 3800 1m Stacking Cable	J9665A	\$308.00						•		
HP 3800 3m Stacking Cable	J9579A	\$469.00						•		
Stacking Kits										
HP 3600 Switch SFP Stacking Kit	JD324B	\$222.00				•	•			•
HP 5500 2-port 10GbE Local Connect Module	JD360B	\$478.00							•	
HP 2920 2-port Stacking Module	J9733A	\$933.00			•					
HP 3800 4-port Stacking Module	J9577A	\$1,482.00						•		
Switch Modules										
HP 5500/4800 2-port GbE SFP Module	JD367A	\$670.00							•	
HP 2920 2-port 10GbE SFP+ Module	J9731A	\$866.00			•					
HP 2920 2-port 10GBASE-T Module	J9732A	\$866.00			•					
HP 5500 1-port 10GbE XFP Module	JD361B	\$904.00							•	
HP 5500/5120 2-port 10GbE SFP+ Module	JD368B	\$2,426.00							•	
HP 5500 2-port 10GbE XFP Module	JD359B	\$2,575.00							•	
Switch Rackmount/Rail Kits										
HP X410 1U Universal 4-post Rack Mounting Kit	J9583A	\$138.00			•			•		
Блоки питания для сетей										
HP X331 165W 100-240VAC to 12VDC Modular Power Supply	J9739A	\$292.00			•					
HP X311 400W 100-240VAC to 12VDC Power Supply	J9581A	\$471.00						•		
HP X332 575W 100-240VAC to 54VDC Modular Power Supply	J9738A	\$519.00			•					
HP X312 1000W 100-240VAC to 54VDC Power Supply	J9580A	\$943.00						•		
Приемопередатчики										
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00	•		•			•		
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00				•				
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00			•			•		
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00				•	•		•	
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00				•				
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00	•	•	•			•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
Трансивер X115 100M SFP LC BX 10-U	JD100A	\$435.00				•				
HP X115 100M SFP LC BX 10-D Transceiver	JD101A	\$435.00				•				
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00	•	•	•			•		
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00	•	•	•			•		
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00				•	•		•	•
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00				•				
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00				•	•		•	•
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00	•	•	•			•		
Трансивер HP X122 1G SFP LC BX-U	J9143B	\$1,146.00	•	•	•			•		
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00	•	•	•			•		
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00				•	•		•	
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00				•	•		•	
Трансивер HP X110 100M SFP LC LH80	JD091A	\$1,476.00				•				
Трансивер HP X132 10G SFP+ LC LRM	J9152A	\$1,595.00			•			•		
HP X132 10G SFP+ LC SR Transceiver	J9150A	\$1,733.00			•			•		
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00							•	
HP X130 10G SFP+ LC LRM Transceiver	JD093B	\$1,906.00							•	
HP X130 10G XFP LC SR Transceiver	JD117B	\$1,936.00							•	
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00				•	•		•	•
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00				•	•		•	•
HP X130 10G XFP LC LR Transceiver	JD108B	\$3,405.00							•	
Трансивер HP X132 10G SFP+ LC LR	J9151A	\$3,491.00			•			•		
Трансивер HP X121 1G SFP LC LH	J4860C	\$3,956.00	•	•	•			•		
HP X130 10G SFP+ LC LR Transceiver	JD094B	\$4,172.00							•	
Трансивер HP X120 1G SFP LC LH100	JD103A	\$4,768.00				•				
Трансивер HP X170 1G SFP LC LH70 1530	JD116A	\$4,864.00				•	•			
Трансивер HP X170 1G SFP LC LH70 1510	JD115A	\$4,864.00				•	•			
Трансивер HP X170 1G SFP LC LH70 1490	JD114A	\$4,864.00				•	•			
HP X170 1G SFP LC LH70 1470 Transceiver	JD113A	\$4,864.00				•	•			
Трансивер HP X170 1G SFP LC LH70 1550	JD109A	\$4,864.00				•	•			
Трансивер HP X170 1G SFP LC LH70 1590	JD111A	\$4,864.00				•	•			
Трансивер HP X170 1G SFP LC LH70 1610	JD112A	\$4,864.00				•	•			
Трансивер HP X170 1G SFP LC LH70 1570	JD110A	\$4,864.00				•	•			
HP X132 10G SFP+ LC ER Transceiver	J9153A	\$8,920.00			•			•		
HP X130 10G SFP+ LC ER 40km Transceiver	JG234A	\$10,430.00							•	
HP X135 10G XFP LC ER Transceiver	JD121A	\$11,605.00							•	
Hardware Software Combo Support Services										
HP 1 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS554E	\$39.00	•	•						
HP 1 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS555E	\$62.00	•	•						
HP 1 year Support Plus24 25xx/2626/1800-24G Switch Service	HR851E	\$78.00	•	•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP 3 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS556E	\$113.00	•	•						
HP 4 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS558E	\$148.00	•	•						
HP 1 year Next business day Exchange Plus 5120 Support	HS682E	\$159.00							•	•
HP 1 year Next business day Exchange Plus 3600 Support	HS690E	\$168.00				•	•			
HP 1 year Next business day Exchange Plus Stack 24 Support	HS610E	\$177.00			•					
HP 3 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS557E	\$181.00	•	•						
HP 5 year Next business day Exchange Plus E25xx/2626/1800-24G Support	HS560E	\$182.00	•	•						
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	U6321E	\$228.00	•	•						
HP 3 year Next business day Proactive Care 2620/2512/2524 switch Service	U2K07E	\$235.00	•	•						
HP 4 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS559E	\$236.00	•	•						
HP 1 year 4-Hour Exchange Plus 5120 Support	HS683E	\$251.00							•	•
HP 1 year 4-Hour Exchange Plus 3600 Support	HS691E	\$266.00				•	•			
HP 1 year Next business day Exchange Plus Stack 48 Support	HS618E	\$269.00			•					
HP 1 year 4-Hour Exchange Plus Stack 24 Support	HS611E	\$281.00			•					
HP 5 year 4-Hour Exchange Plus E25xx/2626/1800-24G Support	HS561E	\$290.00	•	•						
HP 4 year Support Plus 24 ProCurve 408/2xxx Service	UR842E	\$299.00	•	•						
HP 4 year Next business day Proactive Care 2620/2512/2524 switch Service	U2K08E	\$307.00	•	•						
HP 1 year Support Plus24 Networks 5120 Switch Service	HR586E	\$317.00							•	•
HP 3 year 4 hour 24x7 Proactive Care 2620/2512/2524 switch Service	U2K10E	\$319.00	•	•						
HP 1 year Support Plus24 Networks 3600 Switch Service	HR591E	\$336.00				•	•			
HP 1 year Support Plus24 Stack24 Switch Service	HR891E	\$355.00			•					
HP 5 year Support Plus 24 ProCurve 408/2xxx Service	UR845E	\$366.00	•	•						
HP 5 year Next business day Proactive Care 2620/2512/2524 switch Service	U2K09E	\$376.00	•	•						
HP 4 year 4 hour 24x7 Proactive Care 2620/2512/2524 switch Service	U2K11E	\$418.00	•	•						
HP 1 year 4-Hour Exchange Plus Stack 48 Support	HS619E	\$430.00			•					
HP 3 year Next business day Exchange Plus 5120 Support	HS684E	\$461.00							•	•
HP 3 year 6 hour Call to Repair Proactive Care 2620/2512/2524 switch Service	U2K13E	\$462.00	•	•						
HP 3 year Next business day Exchange Plus 3600 Support	HS692E	\$488.00				•	•			

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP 5 year 4 hour 24x7 Proactive Care 2620/2512/2524 switch Service	U2K12E	\$513.00	•	•						
HP 3 year Next business day Exchange Plus Stack 24 Support	HS612E	\$515.00			•					
HP 1 year Next business day Exchange Plus 3800 Switch Support	HT009E	\$531.00						•		
HP 1 year Support Plus24 Stack48 Switch Service	HR896E	\$545.00			•					
HP 4 year Next business day Exchange Plus 5120 Support	HS686E	\$604.00							•	•
HP 4 year 6 hour Call to Repair Proactive Care 2620/2512/2524 switch Service	U2K14E	\$605.00	•	•						
HP 4 year Next business day Exchange Plus 3600 Support	HS694E	\$639.00				•	•			
HP 4 year Next business day Exchange Plus Stack 24 Support	HS614E	\$674.00			•					
HP 3 year 4-Hour Exchange Plus 5120 Support	HS685E	\$730.00							•	•
HP 5 year Next business day Exchange Plus 5120 Support	HS688E	\$741.00							•	•
HP 5 year 6 hour Call to Repair Proactive Care 2620/2512/2524 switch Service	U2K15E	\$741.00	•	•						
HP 3 year 4-Hour Exchange Plus 3600 Support	HS693E	\$774.00				•	•			
HP 3 year Next business day Exchange Plus Stack 48 Support	HS620E	\$782.00			•					
HP 5 year Next business day Exchange Plus 3600 Support	HS696E	\$783.00				•	•			
HP 3 year 4-Hour Exchange Plus Stack 24 Support	HS613E	\$817.00			•					
HP 5 year Next business day Exchange Plus Stack 24 Support	HS616E	\$826.00			•					
HP 1 year 4-Hour Exchange Plus 3800 Switch Support	HT010E	\$843.00						•		
HP 3 year Support Plus 24 ProCurve A51xx Switch Service	UV864E	\$921.00							•	•
HP 3 year Next business day Proactive Care 5100 Switch Service	U2N85E	\$949.00							•	•
HP 4 year 4-Hour Exchange Plus 5120 Support	HS687E	\$956.00							•	•
HP 3 year Support Plus 24 ProCurve A36xx Switch Service	UV828E	\$977.00				•	•			
HP 3 year Next business day Proactive Care 3600 Switch Service	U2N67E	\$1,005.00				•	•			
HP 4 year 4-Hour Exchange Plus 3600 Support	HS695E	\$1,013.00				•	•			
HP 4 year Next business day Exchange Plus Stack 48 Support	HS622E	\$1,024.00			•					
HP 3 year Next business day Proactive Care Stack24 Switch Service	U2K97E	\$1,062.00			•					
HP 1 year Support Plus24 3800 Switch Service	HT018E	\$1,064.00						•		
HP 4 year 4-Hour Exchange Plus Stack 24 Support	HS615E	\$1,070.00			•					
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	U6304E	\$1,077.00			•					
HP 5 year 4-Hour Exchange Plus 5120 Support	HS689E	\$1,173.00							•	•
HP 4 year Support Plus 24 ProCurve A51xx Switch Service	UV865E	\$1,206.00							•	•

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	hp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP 5 year 4-Hour Exchange Plus 3600 Support	HS697E	\$1,242.00				•	•			
HP 4 year Next business day Proactive Care 5100 Switch Service	U2N86E	\$1,243.00							•	•
HP 3 year 4-Hour Exchange Plus Stack 48 Support	HS621E	\$1,252.00			•					
HP 5 year Next business day Exchange Plus Stack 48 Support	HS624E	\$1,255.00			•					
HP 4 year Support Plus 24 ProCurve A36xx Switch Service	UV829E	\$1,279.00				•	•			
HP 3 year 4 hour 24x7 Proactive Care 51xx Switch Service	U2N88E	\$1,288.00							•	•
HP 5 year 4-Hour Exchange Plus Stack 24 Support	HS617E	\$1,312.00			•					
HP 4 year Next business day Proactive Care 3600 Switch Service	U2N68E	\$1,317.00				•	•			
HP 4 year Support Plus 24 ProCurve Stack24 Service	UR870E	\$1,352.00			•					
HP 3 year 4 hour 24x7 Proactive Care 36xx Switch Service	U2N70E	\$1,366.00				•	•			
HP 4 year Next business day Proactive Care Stack24 Switch Service	U2K98E	\$1,391.00			•					
HP 3 year 4 hour 24x7 Proactive Care Stack24 Switch Service	U2L00E	\$1,444.00			•					
HP 5 year Support Plus 24 ProCurve A51xx Switch Service	UV866E	\$1,479.00							•	•
HP 5 year Next business day Proactive Care 5100 Switch Service	U2N87E	\$1,524.00							•	•
HP 3 year Next business day Exchange Plus 3800 Switch Support	HT019E	\$1,544.00						•		
HP 5 year Support Plus 24 ProCurve A36xx Switch Service	UV830E	\$1,568.00				•	•			
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	U6319E	\$1,587.00			•					
HP 5 year Next business day Proactive Care 3600 Switch Service	U2N69E	\$1,614.00				•	•			
HP 3 year Next business day Proactive Care Stack48 Switch Service	U2K88E	\$1,627.00			•					
HP 4 year 4-Hour Exchange Plus Stack 48 Support	HS623E	\$1,640.00			•					
HP 5 year Support Plus 24 ProCurve Stack24 Service	UR874E	\$1,657.00			•					
HP 4 year 4 hour 24x7 Proactive Care 5100 Switch Service	U2N89E	\$1,687.00							•	•
HP 5 year Next business day Proactive Care Stack24 Switch Service	U2K99E	\$1,705.00			•					
HP 4 year 4 hour 24x7 Proactive Care 3600 Switch Service	U2N71E	\$1,789.00				•	•			
HP 3 year 6 hour Call to Repair Proactive Care 51xx Switch Service	U2N91E	\$1,858.00							•	•
HP 4 year 4 hour 24x7 Proactive Care Stack24 Switch Service	U2L01E	\$1,891.00			•					
HP 3 year 6 hour Call to Repair Proactive Care 36xx Switch Service	U2N73E	\$1,971.00				•	•			
HP 5 year 4-Hour Exchange Plus Stack 48 Support	HS625E	\$2,011.00			•					
HP 4 year Next business day Exchange Plus 3800 Switch Support	HT029E	\$2,022.00						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP 5 year 4 hour 24x7 Proactive Care 5100 Switch Service	U2N90E	\$2,069.00							•	•
HP 4 year Support Plus 24 ProCurve Stack48 Service	UR886E	\$2,078.00			•					
HP 3 year 6 hour Call to Repair Proactive Care Stack24 Switch Service	U2L03E	\$2,084.00			•					
HP 4 year Next business day Proactive Care Stack48 Switch Service	U2K89E	\$2,130.00			•					
HP 5 year 4 hour 24x7 Proactive Care 3600 Switch Service	U2N72E	\$2,193.00				•	•			
HP 3 year 4 hour 24x7 Proactive Care Stack48 Switch Service	U2K91E	\$2,221.00			•					
HP 5 year 4 hour 24x7 Proactive Care Stack24 Switch Service	U2L02E	\$2,318.00			•					
HP 4 year 6 hour Call to Repair Proactive Care 5100 Switch Service	U2N92E	\$2,433.00							•	•
HP 3 year 4-Hour Exchange Plus 3800 Switch Support	HT020E	\$2,452.00						•		
HP 5 year Next business day Exchange Plus 3800 Switch Support	HT039E	\$2,479.00						•		
HP 5 year Support Plus 24 ProCurve Stack48 Service	UR890E	\$2,547.00			•					
HP 4 year 6 hour Call to Repair Proactive Care 3600 Switch Service	U2N74E	\$2,581.00				•	•			
HP 5 year Next business day Proactive Care Stack48 Switch Service	U2K90E	\$2,611.00			•					
HP 4 year 6 hour Call to Repair Proactive Care Stack24 Switch Service	U2L04E	\$2,730.00			•					
HP 4 year 4 hour 24x7 Proactive Care Stack48 Switch Service	U2K92E	\$2,908.00			•					
HP 5 year 6 hour Call to Repair Proactive Care 5100 Switch Service	U2N93E	\$2,983.00							•	•
HP 3 year Support Plus24 3800 Switch Service	HT028E	\$3,096.00						•		
HP 5 year 6 hour Call to Repair Proactive Care 3600 Switch Service	U2N75E	\$3,165.00				•	•			
HP 3 year Next business day Proactive Care 3800 Switch Service	U2U25E	\$3,186.00						•		
HP 4 year 4-Hour Exchange Plus 3800 Switch Support	HT030E	\$3,211.00						•		
HP 3 year 6 hour Call to Repair Proactive Care Stack48 Switch Service	U2K94E	\$3,217.00			•					
HP 5 year 6 hour Call to Repair Proactive Care Stack24 Switch Service	U2L05E	\$3,346.00			•					
HP 5 year 4 hour 24x7 Proactive Care Stack48 Switch Service	U2K93E	\$3,565.00			•					
HP 5 year 4-Hour Exchange Plus 3800 Switch Support	HT040E	\$3,937.00						•		
HP 4 year Support Plus24 3800 Switch Service	HT038E	\$4,055.00						•		
HP 4 year Next business day Proactive Care 3800 Switch Service	U2U26E	\$4,172.00						•		
HP 4 year 6 hour Call to Repair Proactive Care Stack48 Switch Service	U2K95E	\$4,213.00			•					
HP 3 year 4 hour 24x7 Proactive Care 3800 Switch Service	U2U28E	\$4,331.00						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP 5 year Support Plus24 3800 Switch Service	HT048E	\$4,971.00						•		
HP 5 year Next business day Proactive Care 3800 Switch Service	U2U27E	\$5,114.00						•		
HP 5 year 6 hour Call to Repair Proactive Care Stack48 Switch Service	U2K96E	\$5,165.00			•					
HP 4 year 4 hour 24x7 Proactive Care 3800 Switch Service	U2U29E	\$5,672.00						•		
HP 3 year 6 hour Call to Repair Proactive Care 3800 Switch Service	U2U31E	\$6,253.00						•		
HP 5 year 4 hour 24x7 Proactive Care 3800 Switch Service	U2U30E	\$6,954.00						•		
HP 4 year 6 hour Call to Repair Proactive Care 3800 Switch Service	U2U32E	\$8,189.00						•		
HP 5 year 6 hour Call to Repair Proactive Care 3800 Switch Service	U2U33E	\$10,039.00						•		
Hardware Support Services										
HP 1 year 4 hour 13x5 25xx/2626/1800-24G Switch Hardware Support	HR849E	\$68.00	•	•						
HP 1 year 4 hour 24x7 25xx/2626/1800-24G Switch Hardware Support	HR850E	\$76.00	•	•						
HP 1 year 6 hour Call to Repair 25xx/2626/1800-24G Switch Hardware Support	HR853E	\$125.00	•	•						
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	U4683E	\$149.00	•	•						
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	H5484E	\$198.00	•	•						
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	U4835E	\$224.00	•	•						
HP 4 year 4 hour Response 13x5 ProCurve 408/2xxx Hardware Support	UR840E	\$260.00	•	•						
HP 1 year 4 hour 13x5 Networks 5120 Switch Hardware Support	HR584E	\$273.00							•	•
HP 4 year 24x7 ProCurve 408/2xxx Hardware Support	UR841E	\$290.00	•	•						
HP 1 year 4 hour 13x5 Networks 3600 Switch Hardware Support	HR589E	\$290.00				•	•			
HP 1 year 4 hour 24x7 Networks 5120 Switch Hardware Support	HR585E	\$305.00							•	•
HP 1 year 4 hour 13x5 Stack24 Switch Hardware Support	HR889E	\$307.00			•					
HP 5 year 4 hour Response 13x5 ProCurve 408/2xxx Hardware Support	UR843E	\$319.00	•	•						
HP 1 year 4 hour 24x7 Networks 3600 Switch Hardware Support	HR590E	\$324.00				•	•			
HP 1 year 4 hour 24x7 Stack24 Switch Hardware Support	HR890E	\$343.00			•					
HP 5 year 24x7 ProCurve 408/2xxx Hardware Support	UR844E	\$356.00	•	•						
HP3 year 6 hour CTRProCurve25/26xx/Wireless Hardware Support	UW368E	\$364.00	•	•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP 1 year 4 hour 13x5 Stack48 Switch Hardware Support	HR894E	\$477.00			•					
HP 4 year 6 hour CTRProCurve25/26xx/Wireless Hardware Support	UW369E	\$477.00	•	•						
HP 1 year 6 hour Call to Repair Networks 5120 Switch Hardware Support	HR588E	\$501.00							•	•
HP 1 year 6 hour Call to Repair Networks 3600 Switch Hardware Support	HR593E	\$532.00				•	•			
HP 1 year 4 hour 24x7 Stack48 Switch Hardware Support	HR895E	\$533.00			•					
HP 1 year 6 hour Call to Repair Stack24 Switch Hardware Support	HR893E	\$563.00			•					
HP 5 year 6 hour CTRProCurve25/26xx/Wireless Hardware Support	UW370E	\$585.00	•	•						
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	U2855E	\$635.00			•					
HP 3 year 4 hour 13x5 ProCurve A51xx Switch Hardware Support	UV858E	\$794.00							•	•
HP 3 year 4 hour 13x5 ProCurve A36xx Switch Hardware Support	UV822E	\$844.00				•	•			
HP 1 year 6 hour Call to Repair Stack48 Switch Hardware Support	HR898E	\$876.00			•					
HP 3 year 4 hour 24x7 ProCurve A51xx Switch Hardware Support	UV861E	\$887.00							•	•
HP 1 year 4 hour 13x5 3800 Switch Hardware Support	HT011E	\$921.00						•		
HP 3 year 4 hour 24x7 ProCurve A36xx Switch Hardware Support	UV825E	\$942.00				•	•			
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	U2856E	\$998.00			•					
HP 1 year 4 hour 24x7 3800 Switch Hardware Support	HT013E	\$1,029.00						•		
HP 4 year 4 hour 13x5 ProCurve A51xx Switch Hardware Support	UV859E	\$1,040.00							•	•
HP 4 year 4 hour 13x5 ProCurve A36xx Switch Hardware Support	UV823E	\$1,105.00				•	•			
HP 4 year 4 hour 24x7 ProCurve A51xx Switch Hardware Support	UV862E	\$1,162.00							•	•
HP 4 year 4 hour Response 13x5 ProCurve Stack24 Hardware Support	UR868E	\$1,170.00			•					
HP 4 year 4 hour 24x7 ProCurve A36xx Switch Hardware Support	UV826E	\$1,234.00				•	•			
HP 5 year 4 hour 13x5 ProCurve A51xx Switch Hardware Support	UV860E	\$1,275.00							•	•
HP 4 year 24x7 ProCurve Stack24 Hardware Support	UR869E	\$1,307.00			•					
HP 5 year 4 hour 13x5 ProCurve A36xx Switch Hardware Support	UV824E	\$1,354.00				•	•			
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	H4496E	\$1,389.00			•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SI Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SI Switch Series
HP 5 year 4 hour 24x7 ProCurve A51xx Switch Hardware Support	UV863E	\$1,424.00							•	•
HP 5 year 4 hour Response 13x5 ProCurve Stack24 Hardware Support	UR872E	\$1,434.00			•					
HP 3 year 6 hour CTR ProCurve A51xx Switch Hardware Support	UW963E	\$1,456.00							•	•
HP 5 year 4 hour 24x7 ProCurve A36xx Switch Hardware Support	UV827E	\$1,513.00				•	•			
HP 3 year 6 hour CTR ProCurve A36xx Switch Hardware Support	UW431E	\$1,548.00				•	•			
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	H2893E	\$1,552.00			•					
HP 5 year 24x7 ProCurve Stack24 Hardware Support	UR873E	\$1,602.00			•					
HP 3 year 6 hour CTR ProCurve Stack24 Hardware Support	UW356E	\$1,639.00			•					
HP 1 year 6 hour Call to Repair 3800 Switch Hardware Support	HT015E	\$1,689.00						•		
HP 4 year 4 hour Response 13x5 ProCurve Stack48 Hardware Support	UR884E	\$1,819.00			•					
HP 4 year 6 hour CTR ProCurve A51xx Switch Hardware Support	UW964E	\$1,907.00							•	•
HP 4 year 6 hour CTR ProCurve A36xx Switch Hardware Support	UW432E	\$2,026.00				•	•			
HP 4 year 24x7 ProCurve Stack48 Hardware Support	UR885E	\$2,033.00			•					
HP 4 year 6 hour CTR ProCurve Stack24 Hardware Support	UW357E	\$2,146.00			•					
HP 5 year 4 hour Response 13x5 ProCurve Stack48 Hardware Support	UR888E	\$2,231.00			•					
HP 5 year 6 hour CTR ProCurve A51xx Switch Hardware Support	UW965E	\$2,338.00							•	•
HP 5 year 6 hour CTR ProCurve A36xx Switch Hardware Support	UW433E	\$2,484.00				•	•			
HP 5 year 24x7 ProCurve Stack48 Hardware Support	UR889E	\$2,492.00			•					
HP 3 year 6 hour CTR ProCurve Stack48 Hardware Support	UW365E	\$2,549.00			•					
HP 5 year 6 hour CTR ProCurve Stack24 Hardware Support	UW358E	\$2,631.00			•					
HP 3 year 4 hour 13x5 3800 Switch Hardware Support	HT021E	\$2,680.00						•		
HP 3 year 4 hour 24x7 3800 Switch Hardware Support	HT023E	\$2,994.00						•		
HP 4 year 6 hour CTR ProCurve Stack48 Hardware Support	UW366E	\$3,338.00			•					
HP 4 year 4 hour 13x5 3800 Switch Hardware Support	HT031E	\$3,509.00						•		
HP 4 year 4 hour 24x7 3800 Switch Hardware Support	HT033E	\$3,920.00						•		
HP 5 year 6 hour CTR ProCurve Stack48 Hardware Support	UW367E	\$4,092.00			•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP 5 year 4 hour 13x5 3800 Switch Hardware Support	HT041E	\$4,302.00						•		
HP 5 year 4 hour 24x7 3800 Switch Hardware Support	HT043E	\$4,806.00						•		
HP 3 year 6 hour Call to Repair 3800 Switch Hardware Support	HT025E	\$4,916.00						•		
HP 4 year 6 hour Call to Repair 3800 Switch Hardware Support	HT035E	\$6,437.00						•		
HP 5 year 6 hour Call to Repair 3800 Switch Hardware Support	HT045E	\$7,892.00						•		
Software Support Services										
HP 1 year 24x7 25xx/2626/1800-24G Switch Software Support	HR852E	\$2.00	•	•						
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF792E	\$7.00	•	•						
HP 4 year 24x7 420/520/530/2626/25xx Software Support	UR951E	\$9.00	•	•						
HP 5 year 24x7 420/520/530/2626/25xx Software Support	UR955E	\$10.00	•	•						
HP 1 year Networks 5120 Switch Software Support	HR587E	\$12.00							•	•
HP 1 year 24x7 Stack24 Switch Software Support	HR892E	\$12.00			•					
HP 1 year 24x7 Stack48 Switch Software Support	HR897E	\$12.00			•					
HP 1 year Networks 3600 Switch Software Support	HR592E	\$12.00				•	•			
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE264E	\$34.00			•					
HP 3 year 24x7 ProCurve A36xx Software Support	UV831E	\$34.00				•	•			
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE262E	\$34.00			•					
HP 3 year 24x7 ProCurve A51xx Software Support	UV867E	\$34.00							•	•
HP 1 year 24x7 3800 Switch Software Support	HT017E	\$35.00						•		
HP 4 year 24x7 ProCurve Stack24 Software Support	UR871E	\$45.00			•					
HP 4 year 24x7 ProCurve A36xx Software Support	UV832E	\$45.00				•	•			
HP 4 year 24x7 ProCurve A51xx Software Support	UV868E	\$45.00							•	•
HP 4 year 24x7 ProCurve Stack48 Software Support	UR887E	\$45.00			•					
HP 5 year 24x7 ProCurve Stack48 Software Support	UR891E	\$55.00			•					
HP 5 year 24x7 ProCurve A51xx Software Support	UV869E	\$55.00							•	•
HP 5 year 24x7 ProCurve Stack24 Software Support	UR875E	\$55.00			•					
HP 5 year 24x7 ProCurve A36xx Software Support	UV833E	\$55.00				•	•			
HP 3 year 24x7 3800 Switch Software Support	HT027E	\$103.00						•		
HP 4 year 24x7 3800 Switch Software Support	HT037E	\$134.00						•		
HP 5 year 24x7 3800 Switch Software Support	HT047E	\$165.00						•		
Услуги по обучению										
HP Ed Education ProCurve Svc	HH245E	\$270.00			•	•	•		•	•
Услуги по установке аппаратных средств										
Установка стекируемого коммутатора ProCurve	U4826E	\$260.00	•	•	•			•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 2615 Switch Series	HP 2915 Switch Series	HP 2920 Switch Series	HP 3600 EI Switch Series	HP 3600 SJ Switch Series	HP 3800 Switch Series	HP 5120 EI Switch Series	HP 5120 SJ Switch Series
HP Networks 36xx 51xx Series Switch Installation Service	UX116E	\$350.00				•	•		•	•
HP Networks 36xx 51xx Series Switch Startup Service	UX117E	\$1,250.00				•	•		•	•
Установка и запуск стелируемого коммутатора ProCurve	U4830E	\$1,325.00	•	•	•			•		

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
CX4 Cables/Cable Options										
HP X230 Local Connect 50cm CX4 Cable	JD363B	\$212.00	•	•	•					
HP X230 Local Connect 100cm CX4 Cable	JD364B	\$233.00	•	•	•					
HP X230 CX4 to CX4 3m Cable	JD365A	\$297.00	•	•	•					
Direct Attach Cables										
HP X240 10G SFP+ to SFP+ 0.65m Direct Attach Copper Cable	JD095C	\$195.00	•			•			•	•
HP X240 10G SFP+ to SFP+ 1.2m Direct Attach Copper Cable	JD096C	\$209.00	•			•			•	•
HP X240 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	JD097C	\$287.00	•			•			•	•
HP X240 10G SFP+ to SFP+ 5m Direct Attach Copper Cable	JG081C	\$321.00				•			•	•
HP X240 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JG326A	\$433.00							•	
HP X240 10G SFP+ SFP+ 7m Direct Attach Copper Cable	JC784C	\$523.00							•	•
HP X240 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JG327A	\$561.00							•	
HP X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	JG329A	\$612.00							•	
HP X240 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JG328A	\$689.00							•	
HP X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	JG330A	\$753.00							•	
HP X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A	\$881.00							•	
HP X140 40G QSFP+ MPO SR4 Transceiver	JG325A	\$3,725.00							•	
Fiber Cables										
Сетевой кабель HP 0,5 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ833A	\$75.00	•	•	•					
Сетевой кабель HP 1 метр, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ834A	\$80.00	•	•	•					
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 1m Cable	QK732A	\$90.00	•							
Сетевой кабель HP 2 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ835A	\$90.00	•	•	•					
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 2m Cable	QK733A	\$95.00	•							
Сетевой кабель HP 5 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ836A	\$105.00	•	•	•					
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 5m Cable	QK734A	\$115.00	•							
Сетевой кабель HP 15 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ837A	\$125.00	•	•	•					
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 15m Cable	QK735A	\$155.00	•							

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
Сетевой кабель HP 30 метров, мультирежимный OM3 50/125um LC/LC 8 T6 FC, 10GbE, лазерная обработка, 1 уп-ка	AJ838A	\$180.00	•	•	•					
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 30m Cable	QK736A	\$220.00	•							
Сетевой кабель HP 50 метров, мультирежимный OM3 50/125um LC/LC 8 T6 FC, 10GbE, лазерная обработка, 1 уп-ка	AJ839A	\$255.00	•	•	•					
HP Premier Flex LC/LC Multi-mode OM4 2 Fiber 50m Cable	QK737A	\$255.00	•							
Networking Fans/Fan Options										
HP 5920AF-24XG Front (port-side) to Back (power-side) Airflow Fan Tray	JG298A	\$291.00								•
HP 5920AF-24XG Back (power-side) to Front (port-side) Airflow Fan Tray	JG297A	\$291.00								•
HP 58x0AF Back (power side) to Front (port side) Airflow Fan Tray	JC682A	\$297.00				•	•		•	
HP 5830AF-48G Front (port side) to Back (power side) Airflow Fan Tray	JC693A	\$297.00						•		
HP 5830AF-48G Back (power side) to Front (port side) Airflow Fan Tray	JC692A	\$297.00						•		
HP 58x0AF Front (port side) to Back (power side) Airflow Fan Tray	JC683A	\$297.00				•	•		•	
HP X711 Front (port side) to Back (power side) Airflow High Volume Fan Tray	JG552A	\$389.00							•	
HP X712 Back (power side) to Front (port side) Airflow High Volume Fan Tray	JG553A	\$389.00							•	
HP 5830AF-96G Back (power side) to Front (port side) Airflow Fan Tray	JC695A	\$599.00						•		
HP 5830AF-96G Front (port side) to Back (power side) Airflow Fan Tray	JC696A	\$599.00						•		
HP 5800 2RU Spare Fan Assembly	JC096A	\$968.00				•	•			
HP 5800 1RU Spare Fan Assembly	JC098A	\$968.00				•	•			
Power Connections										
Кабель HP X290 1000 A JD5 Non-PoE 2 м RPS	JD188A	\$20.00	•							
Кабель HP X290 500 U 1 м RPS	JD185A	\$25.00	•							
Кабель HP X290 1000 A JD5 2 м RPS	JD187A	\$29.00	•		•					
Кабель HP X290 1,000 B JD5 2 м RPS	JD189A	\$29.00	•							
Кабель HP X290 500/800 1 м RPS	JD190A	\$40.00	•							
Кабель HP X290 500 C 1 м RPS	JD184A	\$42.00			•					
Модуль HP PoE A5800	JC097B	\$1,936.00				•				
Redundant Power Supplies										
HP RPS 800 Redundant Power Supply	JD183A	\$1,159.00	•		•	•				
HP RPS1600 1600W AC Power Supply	JG137A	\$1,526.00	•		•	•	•			
HP RPS1600 Redundant Power System	JG136A	\$2,009.00	•		•	•	•			
Stacking Kits										
HP 5500 2-port 10GbE Local Connect Module	JD360B	\$478.00	•	•	•					
Switch Modules										
HP 5500/4800 2-port GbE SFP Module	JD367A	\$670.00	•	•	•					

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 5500 1-port 10GbE XFP Module	JD361B	\$904.00	•	•	•					
HP 5500 HI 8-port Gig-T Module	JG313A	\$1,341.00		•						
HP 5500 HI 8-port SFP Module	JG314A	\$1,647.00		•						
HP 5800 16-port SFP Module	JC095A	\$1,936.00				•				
HP 5800 16-port Gig-T Module	JC094A	\$2,426.00				•				
HP 5500/5120 2-port 10GbE SFP+ Module	JD368B	\$2,426.00	•	•	•			•		
HP 5800 2-port 10GbE SFP+ Module	JC092B	\$2,426.00				•	•			
HP 5500 2-port 10GbE XFP Module	JD359B	\$2,575.00	•	•	•					
HP 5800 4-port 10GbE SFP+ Module	JC091A	\$3,884.00				•	•			
HP 5820 VPN Firewall Module	JD255A	\$24,269.00				•	•			
Блоки питания для сетей										
HP 5500 150WAC Power Supply	JD362A	\$435.00	•	•		•				
HP 5800 300W AC Power Supply	JC087A	\$478.00				•	•			
HP 5500 150WDC Power Supply	JD366A	\$733.00	•	•		•				
HP 58x0AF 650W AC Power Supply	JC680A	\$908.00				•	•	•	•	•
HP 5800 300W DC Power Supply	JC090A	\$968.00				•	•			
HP 5800 750W AC Power Supply	JC089A	\$1,159.00				•				
HP 58x0AF 650W DC Power Supply	JC681A	\$1,164.00				•	•	•	•	•
Приемопередатчики										
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00	•	•		•		•		
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00	•	•	•	•	•	•	•	•
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00	•	•		•		•		
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00	•	•	•	•	•	•	•	•
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00	•	•		•		•		
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00	•	•	•	•	•	•	•	•
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00	•	•	•	•			•	•
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00	•	•	•	•			•	•
Трансивер HP X110 100M SFP LC LH80	JD091A	\$1,476.00	•	•		•		•		
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00	•	•	•	•	•	•	•	•
HP X130 10G SFP+ LC LRM Transceiver	JD093B	\$1,906.00	•	•	•	•	•	•	•	•
HP X130 10G XFP LC SR Transceiver	JD117B	\$1,936.00	•	•	•					
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00	•	•	•	•	•	•	•	•
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00	•	•	•	•	•	•	•	•
HP X130 10G XFP LC LR Transceiver	JD108B	\$3,405.00	•	•	•					
HP X130 10G SFP+ LC LR Transceiver	JD094B	\$4,172.00	•	•	•	•	•	•	•	•
Трансивер HP X170 1G SFP LC LH70 1530	JD116A	\$4,864.00						•		
Трансивер HP X170 1G SFP LC LH70 1510	JD115A	\$4,864.00						•		
Трансивер HP X170 1G SFP LC LH70 1490	JD114A	\$4,864.00						•		
HP X170 1G SFP LC LH70 1470 Transceiver	JD113A	\$4,864.00						•		
Трансивер HP X170 1G SFP LC LH70 1550	JD109A	\$4,864.00						•		
Трансивер HP X170 1G SFP LC LH70 1590	JD111A	\$4,864.00						•		
Трансивер HP X170 1G SFP LC LH70 1610	JD112A	\$4,864.00						•		
Трансивер HP X170 1G SFP LC LH70 1570	JD110A	\$4,864.00						•		

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP X130 10G SFP+ LC ER 40km Transceiver	JG234A	\$10,430.00	•		•	•	•	•	•	•
HP X135 10G XFP LC ER Transceiver	JD121A	\$11,605.00	•	•	•					
Hardware Software Combo Support Services										
HP 1 year Next Business Day Exchange Plus 5500-24 SI Switch Support	HS658E	\$296.00			•					
HP 1 year 4 hour Exchange Plus 5500-24 SI Switch Support	HS659E	\$475.00			•					
HP 1 year 4 hour Exchange Plus 5500-48 SI Switch Support	HS675E	\$475.00			•					
HP 1 year Support Plus 24 5500-24 SI Switch Service	HR576E	\$602.00			•					
HP 1 year Support Plus 24 5500-48 SI Switch Service	HR581E	\$602.00			•					
HP 1 year Next business day Exchange Plus 5800-24 Support	HS650E	\$763.00				•				
HP 3 year Next Business Day Exchange Plus 5500-48 SI Switch Support	HS676E	\$862.00	•		•					
HP 3 year Next Business Day Exchange Plus 5500-24 SI Switch Support	HS660E	\$862.00	•		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 5920-24 Switch Service	U4F02PE	\$897.00								•
HP 1 year Next business day Exchange Plus HP 582x Switch Support	U4D06E	\$1,093.00					•			
HP 1 year Next business day Exchange Plus HP 5830-48 Switch Support	U4D07E	\$1,124.00						•		
HP 4 year Next Business Day Exchange Plus 5500-48 SI Support	HS678E	\$1,128.00	•		•					
HP 4 year Next Business Day Exchange Plus 5500-24 SI Support	HS662E	\$1,128.00	•		•					
HP 1 year 4-Hour Exchange Plus 5800-24 Support	HS651E	\$1,213.00				•				
HP 1 year Next business day Exchange Plus HP 5920-24 Switch Support	U6P01E	\$1,281.00								•
HP 1 year Next business day Exchange Plus 5800-48 Support	HS666E	\$1,309.00				•				
HP 3 year 4 hour Exchange Plus 5500-48 SI Switch Support	HS677E	\$1,383.00	•		•					
HP 5 year Next Business Day Exchange Plus 5500-24 SI Switch Support	HS664E	\$1,383.00	•		•					
HP 5 year Next Business Day Exchange Plus 5500-48 SI Switch Support	HS680E	\$1,383.00	•		•					
HP 3 year 4 hour Exchange Plus 5500-24 SI Switch Support	HS661E	\$1,383.00	•		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 5900-48 Switch Service	U4N85PE	\$1,531.00								•
HP 1 year Support Plus24 Networks 5800-24 Switch Service	HR566E	\$1,533.00				•				
HP 1 year Post Warranty Support Plus 24 Networks 5820 Switch Service	HS922PE	\$1,614.00					•			
HP 1 year 4-Hour Exchange Plus HP 582x Switch Support	U0S83E	\$1,744.00					•			

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 3 year Support Plus 24 ProCurve A55xx Switch Service	UV876E	\$1,753.00	.		.					
HP 3 year Support Plus 24 Networks 5500-48 SI Service	HQ084E	\$1,753.00	.		.					
HP 1 year 4-Hour Exchange Plus HP 5830-48 Switch Support	U0S84E	\$1,788.00						.		
HP 3 year Next Business Day Proactive Care 5500-48 SI Switch Service	U2T17E	\$1,796.00	.		.					
HP 3 year Next Business Day Proactive Care 5500-24 SI Switch Service	U2N94E	\$1,796.00	.		.					
HP 4 year 4 hour Exchange Plus 5500-24 SI Switch Support	HS663E	\$1,811.00	.		.					
HP 4 year 4 hour Exchange Plus 5500-48 SI Switch Support	HS679E	\$1,811.00	.		.					
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-48 Switch products Service	U4N49PE	\$1,966.00						.		
HP 1 year Post Warranty Next business day Exchange Networks HP 5920-24 Switch Service	U4F03PE	\$2,025.00								.
HP 1 year 4-Hour Exchange Plus HP 5920-24 Switch Support	U6N77E	\$2,044.00								.
HP 1 year Support Plus24 Networks 5820 Switch Service	HR561E	\$2,055.00					.			
HP 1 year 4 hour Exchange Plus 5800-48 Support	HS667E	\$2,086.00				.				
HP 1 year Support Plus24 A5830-48 Switch Service	HS935E	\$2,107.00						.		
HP 1 year Next business day Exchange Plus HP 5900-48 Switch Support	U6P02E	\$2,186.00							.	
HP 1 year Next business day Exchange Plus HP 5830-96 Switch Support	U4D08E	\$2,216.00						.		
HP 3 year Next business day Exchange Plus 5800-24 Support	HS652E	\$2,219.00				.				
HP 5 year 4 hour Exchange Plus 5500-24 SI Switch Support	HS665E	\$2,220.00	.		.					
HP 5 year 4 hour Exchange Plus 5500-48 SI Switch Support	HS681E	\$2,220.00	.		.					
HP 1 year Post Warranty Next business day Exchange Networks HP 5920-24 Switch Service	U4F04PE	\$2,256.00								.
HP 4 year Support Plus 24 Networks 5500-48 SI Service	HQ093E	\$2,295.00	.		.					
HP 4 year Support Plus 24 ProCurve A55xx Switch Service	UV877E	\$2,295.00	.		.					
HP 4 year Next Business Day Proactive Care 5500-48 SI Switch Service	U2T18E	\$2,352.00	.		.					
HP 4 year Next Business Day Proactive Care 5500-24 SI Switch Service	U2N95E	\$2,352.00	.		.					
HP 1 year Support Plus 24 5920AF-24XG Switch Service	U1V60E	\$2,410.00								.
HP 3 year 4 hour 24x7 Proactive Care 5500-24 SI Switch Service	U2N97E	\$2,454.00	.		.					
HP 3 year 4 hour 24x7 Proactive Care 5500-48 SI Switch Service	U2T20E	\$2,454.00	.		.					

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 1 year Support Plus24 Networks 5800-48 Switch Service	HR571E	\$2,642.00				•				
HP 5 year Support Plus 24 Networks 5500-48 SI Service	HQ094E	\$2,814.00	•		•					
HP 5 year Support Plus 24 ProCurve A55xx Switch Service	UV878E	\$2,814.00	•		•					
HP 5 year Next Business Day Proactive Care 5500-48 SI Switch Service	U2T19E	\$2,883.00	•		•					
HP 5 year Next Business Day Proactive Care 5500-24 SI Switch Service	U2N96E	\$2,883.00	•		•					
HP 4 year Next business day Exchange Plus 5800-24 Support	HS654E	\$2,906.00				•				
HP 3 year Next business day Exchange Plus HP 582x Switch Support	U4D57E	\$3,180.00					•			
HP 4 year 4 hour 24x7 Proactive Care 5500-48 SI Switch Service	U2T21E	\$3,213.00	•		•					
HP 4 year 4 hour 24x7 Proactive Care 5500-24 SI Switch Service	U2N98E	\$3,213.00	•		•					
HP 3 year Next business day Exchange Plus HP 5830-48 Switch Support	U4D58E	\$3,270.00						•		
HP 1 year Post Warranty Next business day Exchange Networks HP 5920-24 Switch Service	U4F05PE	\$3,410.00								•
HP 1 year Post Warranty Next business day Exchange Networks HP 5900-48 Switch Service	U4N86PE	\$3,456.00							•	
HP 1 year 4-Hour Exchange Plus HP 5900-48 Switch Support	U6N78E	\$3,487.00							•	
HP 3 year 4-Hour Exchange Plus 5800-24 Support	HS653E	\$3,531.00				•				
HP 1 year 4-Hour Exchange Plus HP 5830-96 Switch Support	U0S85E	\$3,532.00						•		
HP 3 year 6 hour Call to Repair Proactive Care 5500-48 SI Switch Service	U2T23E	\$3,557.00	•		•					
HP 3 year 6 hour Call to Repair Proactive Care 5500-24 SI Switch Service	U2P00E	\$3,557.00	•		•					
HP 5 year Next business day Exchange Plus 5800-24 Support	HS656E	\$3,562.00				•				
HP 3 year Next business day Exchange Plus HP 5920-24 Switch Support	U6P10E	\$3,729.00								•
HP 3 year Next business day Exchange Plus 5800-48 Support	HS668E	\$3,809.00				•				
HP 1 year Post Warranty Next business day Exchange Networks HP 5900-48 Switch Service	U4N87PE	\$3,850.00							•	
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-96 Switch products Service	U4N54PE	\$3,891.00						•		
HP 5 year 4 hour 24x7 Proactive Care 5500-24 SI Switch Service	U2N99E	\$3,939.00	•		•					
HP 5 year 4 hour 24x7 Proactive Care 5500-48 SI Switch Service	U2T22E	\$3,939.00	•		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 5920-24 Switch Service	U4F06PE	\$4,035.00								•
HP 1 year Support Plus 24 5900 Switch Service	U5X93E	\$4,111.00							•	
HP 1 year Support Plus24 5830-96G Switch Service	HT190E	\$4,162.00						•		

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HP 4 year Next business day Exchange Plus HP 582x Switch Support	U4E08E	\$4,165.00					•			
HP 4 year Next business day Exchange Plus HP 5830-48 Switch Support	U4E09E	\$4,282.00						•		
HP 3 year Support Plus 24 ProCurve A580x Switch Service	UV888E	\$4,461.00				•				
HP 3 year Next business day Proactive Care 5800-24 Switch Service	U2P03E	\$4,586.00				•				
HP 4 year 4-Hour Exchange Plus 5800-24 Support	HS655E	\$4,623.00				•				
HP 4 year 6 hour Call to Repair Proactive Care 5500-24 SI Switch Service	U2P01E	\$4,658.00	•		•					
HP 4 year 6 hour Call to Repair Proactive Care 5500-48 SI Switch Service	U2T24E	\$4,658.00	•		•					
HP 4 year Next business day Exchange Plus HP 5920-24 Switch Support	U6P19E	\$4,883.00								•
HP 4 year Next business day Exchange Plus 5800-48 Support	HS670E	\$4,988.00				•				
HP 3 year 4-Hour Exchange Plus HP 582x Switch Support	U0T34E	\$5,074.00					•			
HP 5 year Next business day Exchange Plus HP 582x Switch Support	U0S32E	\$5,106.00					•			
HP 3 year 4-Hour Exchange Plus HP 5830-48 Switch Support	U0T35E	\$5,204.00						•		
HP 5 year Next business day Exchange Plus HP 5830-48 Switch Support	U0S33E	\$5,249.00						•		
HP 1 year Post Warranty Next business day Exchange Networks HP 5900-48 Switch Service	U4N89PE	\$5,628.00							•	
HP 5 year 4-Hour Exchange Plus 5800-24 Support	HS657E	\$5,668.00				•				
HP 5 year 6 hour Call to Repair Proactive Care 5500-24 SI Switch Service	U2P02E	\$5,711.00	•		•					
HP 5 year 6 hour Call to Repair Proactive Care 5500-48 SI Switch Service	U2T25E	\$5,711.00	•		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 5900-48 Switch Service	U4N88PE	\$5,818.00							•	
HP 4 year Support Plus 24 ProCurve A580x Switch Service	UV889E	\$5,842.00				•				
HP 3 year 4-Hour Exchange Plus HP 5920-24 Switch Support	U6N83E	\$5,949.00								•
HP 5 year Next business day Exchange Plus HP 5920-24 Switch Support	U6P28E	\$5,987.00								•
HP 4 year Next business day Proactive Care 5800-24 Switch Service	U2P04E	\$6,006.00				•				
HP 3 year 4 hour Exchange Plus 5800-48 Support	HS669E	\$6,079.00				•				
HP 5 year Next business day Exchange Plus 5800-48 Support	HS672E	\$6,115.00				•				
HP 3 year 4 hour 24x7 Proactive Care 5800-24 Switch Service	U2P06E	\$6,241.00				•				
HP 3 year Support Plus 24 ProCurve A582x Switch Service	UV900E	\$6,359.00					•			
HP 3 year Next business day Exchange Plus HP 5900-48 Switch Support	U6P11E	\$6,360.00							•	

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 3 year Next business day Exchange Plus HP 5830-96 Switch Support	U4D59E	\$6,450.00						•		
HP 3 year Next business day Proactive Care 5820 Switch Service	U2P12E	\$6,483.00					•			
HP 3 year Support Plus24 A5830-48 Switch Service	HS944E	\$6,517.00						•		
HP 4 year 4-Hour Exchange Plus HP 582x Switch Support	U0T85E	\$6,644.00					•			
HP 3 year Next business day Proactive Care 5830-48 Switch Service	U2T62E	\$6,650.00						•		
HP 4 year 4-Hour Exchange Plus HP 5830-48 Switch Support	U0T86E	\$6,815.00						•		
HP 5 year Support Plus 24 ProCurve A580x Switch Service	UV890E	\$7,162.00				•				
HP 5 year Next business day Proactive Care 5800-24 Switch Service	U2P05E	\$7,363.00				•				
HP 3 year Support Plus 24 5920AF-24XG Switch Service	U6A03E	\$7,455.00								•
HP 3 year Next business day 5920AF-24XG Switch Proactive Service	U1V61E	\$7,601.00								•
HP 3 year Support Plus 24 5800 48 ports Service	HQ067E	\$7,690.00				•				
HP 4 year 4-Hour Exchange Plus HP 5920-24 Switch Support	U6N89E	\$7,790.00								•
HP 3 year Next business day Proactive Care 5800-48 Switch Service	U2T08E	\$7,896.00				•				
HP 4 year 4 hour Exchange Plus 5800-48 Support	HS671E	\$7,961.00				•				
HP 5 year 4-Hour Exchange Plus HP 582x Switch Support	U0U36E	\$8,146.00					•			
HP 4 year 4 hour 24x7 Proactive Care 5800-24 Switch Service	U2P07E	\$8,173.00				•				
HP 4 year Next business day Exchange Plus HP 5900-48 Switch Support	U6P20E	\$8,329.00							•	
HP 5 year 4-Hour Exchange Plus HP 5830-48 Switch Support	U0U37E	\$8,355.00						•		
HP 4 year Support Plus 24 ProCurve A582x Switch Service	UV901E	\$8,387.00					•			
HP 4 year Next business day Exchange Plus HP 5830-96 Switch Support	U4E10E	\$8,446.00						•		
HP 4 year Next business day Proactive Care 5820 Switch Service	U2P13E	\$8,550.00					•			
HP 4 year Support Plus24 A5830-48 Switch Service	HS952E	\$8,595.00						•		
HP 4 year Next business day Proactive Care 5830-48 Switch Service	U2T63E	\$8,770.00						•		
HP 3 year 4 hour 24x7 Proactive Care 582x Switch Service	U2P15E	\$8,902.00					•			
HP 3 year 6 hour Call to Repair Proactive Care 5800-24 Switch Service	U2P09E	\$9,017.00				•				
HP 3 year 4 hour 24x7 Proactive Care 5830-48 Switch Service	U2T65E	\$9,121.00						•		
HP 5 year 4-Hour Exchange Plus HP 5920-24 Switch Support	U6N95E	\$9,550.00								•
HP 5 year 4 hour Exchange Plus 5800-48 Support	HS673E	\$9,760.00				•				

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 4 year Support Plus 24 5920AF-24XG Switch Service	U6A15E	\$9,833.00								•
HP 5 year 4 hour 24x7 Proactive Care 5800-24 Switch Service	U2P08E	\$10,020.00				•				
HP 4 year Next business day 5920AF-24XG Switch Proactive Service	U6A04E	\$10,024.00								•
HP 4 year Support Plus 24 5800 48 ports Service	HQ076E	\$10,070.00				•				
HP 3 year 4-Hour Exchange Plus HP 5900-48 Switch Support	U6N84E	\$10,148.00							•	
HP 5 year Next business day Exchange Plus HP 5900-48 Switch Support	U6P29E	\$10,211.00							•	
HP 3 year 4-Hour Exchange Plus HP 5830-96 Switch Support	U0T36E	\$10,278.00						•		
HP 5 year Support Plus 24 ProCurve A582x Switch Service	UV902E	\$10,327.00					•			
HP 4 year Next business day Proactive Care 5800-48 Switch Service	U2T09E	\$10,340.00				•				
HP 5 year Next business day Exchange Plus HP 5830-96 Switch Support	U0S34E	\$10,355.00						•		
HP 3 year 4 hour 24x7 5920AF-24XG Switch Proactive Service	U1V65E	\$10,436.00								•
HP 5 year Support Plus24 A5830-48 Switch Service	HS960E	\$10,583.00						•		
HP 3 year 4 hour 24x7 Proactive Care 5800- 48 Switch Service	U2T11E	\$10,760.00				•				
HP 5 year Next business day Proactive Care 5830-48 Switch Service	U2T64E	\$10,796.00						•		
HP 5 year Next business day Proactive Care 5820 Switch Service	U2P14E	\$11,473.00					•			
HP 4 year 4 hour 24x7 Proactive Care 5820 Switch Service	U2P16E	\$11,718.00					•			
HP 3 year 6 hour Call to Repair Proactive Care 582x Switch Service	U2P18E	\$11,766.00					•			
HP 4 year 6 hour Call to Repair Proactive Care 5800-24 Switch Service	U2P10E	\$11,808.00				•				
HP 4 year 4 hour 24x7 Proactive Care 5830-48 Switch Service	U2T66E	\$12,005.00						•		
HP 3 year 6 hour Call to Repair Proactive Care 5830-48 Switch Service	U2T68E	\$12,046.00						•		
HP 5 year Support Plus 24 5920AF-24XG Switch Service	U6A27E	\$12,106.00								•
HP 5 year Next business day 5920AF-24XG Switch Proactive Service	U6A16E	\$12,341.00								•
HP 5 year Support Plus 24 5800 48 ports Service	HQ077E	\$12,345.00				•				
HP 5 year Next business day Proactive Care 5800-48 Switch Service	U2T10E	\$12,676.00				•				
HP 3 year Support Plus 24 5900-48 switch Service	U5Y06E	\$12,718.00							•	
HP 3 year Support Plus24 5830-96G Switch Service	HT199E	\$12,876.00						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 3 year Next Business Day Proactive Care 5900-48 switch Service	U5X95E	\$12,966.00							•	
HP 3 year Next business day Proactive Care 5830-96G Switch Service	U2T71E	\$13,133.00						•		
HP 4 year 4-Hour Exchange Plus HP 5900-48 Switch Support	U6N90E	\$13,289.00							•	
HP 4 year 4-Hour Exchange Plus HP 5830-96 Switch Support	U0T87E	\$13,459.00						•		
HP 4 year 4 hour 24x7 5920AF-24XG Switch Proactive Service	U6A08E	\$13,737.00								•
HP 3 year 6 hour 24x7 5920AF-24XG Switch Call to Repair Proactive Service	U1V68E	\$13,793.00								•
HP 4 year 4 hour 24x7 Proactive Care 5800-48 Switch Service	U2T12E	\$14,091.00				•				
HP 5 year 4 hour 24x7 Proactive Care 5820 Switch Service	U2P17E	\$14,410.00					•			
HP 5 year 6 hour Call to Repair Proactive Care 5800-24 Switch Service	U2P11E	\$14,477.00				•				
HP 5 year 4 hour 24x7 Proactive Care 5830-48 Switch Service	U2T67E	\$14,763.00						•		
HP 4 year 6 hour Call to Repair Proactive Care 5820 Switch Service	U2P19E	\$15,469.00					•			
HP 3 year 6 hour Call to Repair Proactive Care 5800-48 Switch Service	U2T14E	\$15,565.00				•				
HP 4 year 6 hour Call to Repair Proactive Care 5830-48 Switch Service	U2T69E	\$15,837.00						•		
HP 5 year 4-Hour Exchange Plus HP 5900-48 Switch Support	U6N96E	\$16,292.00							•	
HP 5 year 4-Hour Exchange Plus HP 5830-96 Switch Support	U0U38E	\$16,500.00						•		
HP 4 year Support Plus 24 5900-48 switch Service	U5Y18E	\$16,775.00							•	
HP 5 year 4 hour 24x7 5920AF-24XG Switch Proactive Service	U6A20E	\$16,892.00								•
HP 4 year Support Plus24 5830-96G Switch Service	HT207E	\$16,983.00						•		
HP 4 year Next Business Day Proactive Care 5900-48 switch Service	U5Y07E	\$17,100.00							•	
HP 5 year 4 hour 24x7 Proactive Care 5800-48 Switch Service	U2T13E	\$17,275.00				•				
HP 4 year Next business day Proactive Care 5830-96G Switch Service	U2T72E	\$17,320.00						•		
HP 3 year 4 hour 24x7 Proactive Care 5900-48 switch Service	U5X99E	\$17,804.00							•	
HP 3 year 4 hour 24x7 Proactive Care 5830-96G Switch Service	U2T74E	\$18,022.00						•		
HP 4 year 6 hour 24x7 5920AF-24XG Switch Call to Repair Proactive Service	U6A11E	\$18,133.00								•
HP 5 year 6 hour Call to Repair Proactive Care 5820 Switch Service	U2P20E	\$19,008.00					•			
HP 5 year 6 hour Call to Repair Proactive Care 5830-48 Switch Service	U2T70E	\$19,460.00						•		

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 4 year 6 hour Call to Repair Proactive Care 5800-48 Switch Service	U2T15E	\$20,383.00				•				
HP 5 year Support Plus 24 5900-48 Switch Service	U5Y30E	\$20,654.00							•	
HP 5 year Support Plus24 5830-96G Switch Service	HT215E	\$20,909.00						•		
HP 5 year Next Business Day Proactive Care 5900-48 switch Service	U5Y19E	\$21,053.00							•	
HP 5 year Next business day Proactive Care 5830-96G Switch Service	U2T73E	\$21,323.00						•		
HP 5 year 6 hour 24x7 5920AF-24XG Switch Call to Repair Proactive Service	U6A23E	\$22,282.00								•
HP 4 year 4 hour 24x7 Proactive Care 5900-48 switch Service	U5Y11E	\$23,435.00							•	
HP 3 year 6 hour Call to Repair Proactive Care 5900-48 switch Service	U5Y02E	\$23,533.00							•	
HP 4 year 4 hour 24x7 Proactive Care 5830-96G Switch Service	U2T75E	\$23,723.00						•		
HP 3 year 6 hour Call to Repair Proactive Care 5830-96G Switch Service	U2T77E	\$23,813.00						•		
HP 5 year 6 hour Call to Repair Proactive Care 5800-48 Switch Service	U2T16E	\$24,989.00				•				
HP 5 year 4 hour 24x7 Proactive Care 5900-48 switch Service	U5Y23E	\$28,819.00							•	
HP 5 year 4 hour 24x7 Proactive Care 5830-96G Switch Service	U2T76E	\$29,172.00						•		
HP 4 year 6 hour Call to Repair Proactive Care 5900-48 switch Service	U5Y14E	\$30,937.00							•	
HP 4 year 6 hour Call to Repair Proactive Care 5830-96G Switch Service	U2T78E	\$31,305.00						•		
HP 5 year 6 hour Call to Repair Proactive Care 5900-48 switch Service	U5Y26E	\$38,016.00							•	
HP 5 year 6 hour Call to Repair Proactive Care 5830-96G Switch Service	U2T79E	\$38,468.00						•		
Hardware Support Services										
HP 1 year 4 hour 13x5 5500-48 SI Switch Hardware Support	HR579E	\$529.00			•					
HP 1 year 4 hour 13x5 5500-24 SI Switch Hardware Support	HR574E	\$529.00			•					
HP 1 year 4 hour 24x7 5500-24 SI Switch Hardware Support	HR575E	\$591.00			•					
HP 1 year 4 hour 24x7 5500-48 SI Switch Hardware Support	HR580E	\$591.00			•					
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-48 Switch products Service	U4N45PE	\$782.00						•		
HP 1 year 6 hour Call to Repair 5500-48 SI Switch Hardware Support	HR583E	\$970.00			•					
HP 1 year 6 hour Call to Repair 5500-24 SI Switch Hardware Support	HR578E	\$970.00			•					
HP 1 year 4 hour 13x5 Networks 5800-24 Switch Hardware Support	HR564E	\$1,330.00				•				

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 1 year Post Warranty Next Business Day Exchange Networks 5820 Switch Hardware Support	HS918PE	\$1,414.00					•			
HP 1 year Post Warranty 4 hour 13x5 Networks 5820 Switch Hardware Support	HS919PE	\$1,449.00					•			
HP 1 year 4 hour 24x7 Networks 5800-24 Switch Hardware Support	HR565E	\$1,486.00				•				
HP 1 year 4 hour 13x5 Networks 5820 Switch Hardware Support	HR559E	\$1,531.00					•			
HP 3 year 4 hour 13x5 ProCurve A55xx Switch Hardware Support	UV870E	\$1,538.00	•		•					
HP 3 year 4 hour 13x5 Networks 5500-48 SI Hardware Support	HQ080E	\$1,538.00	•		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-96 Switch products Service	U4N50PE	\$1,548.00						•		
HP 1 year 4 hour 13x5 A5830-48 Switch Hardware Support	HS931E	\$1,564.00						•		
HP 1 year Post Warranty 4 hour 24x7 Networks 5820 Switch Hardware Support	HS920PE	\$1,614.00					•			
HP 3 year 4 hour 24x7 Networks 5500-48 SI Hardware Support	HQ081E	\$1,719.00	•		•					
HP 3 year 4 hour 24x7 ProCurve A55xx Switch Hardware Support	UV873E	\$1,719.00	•		•					
HP 1 year 4 hour 24x7 Networks 5820 Switch Hardware Support	HR560E	\$1,728.00					•			
HP 1 year 4 hour 24x7 A5830-48 Switch Hardware Support	HS932E	\$1,765.00						•		
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-48 Switch products Service	U4N46PE	\$1,765.00						•		
HP 1 year 4 hour 13x5 5920AF-24XG Switch Hardware Support	U1V96E	\$1,795.00								•
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-48 Switch products Service	U4N47PE	\$1,966.00						•		
HP 4 year 4 hour 13x5 Networks 5500-48 SI Hardware Support	HQ085E	\$2,014.00	•		•					
HP 4 year 4 hour 13x5 ProCurve A55xx Switch Hardware Support	UV871E	\$2,014.00	•		•					
HP 1 year 4 hour 24x7 5920AF-24XG Switch Hardware Support	U1V98E	\$2,025.00								•
HP 3 year Next Business Day Exchange Networks 582x Switch Hardware support	UY832E	\$2,228.00					•			
HP 4 year 4 hour 24x7 Networks 5500-48 SI Hardware Support	HQ086E	\$2,251.00	•		•					
HP 4 year 4 hour 24x7 ProCurve A55xx Switch Hardware Support	UV874E	\$2,251.00	•		•					
HP 3 year Next business day Exchange A5830-48 Switch Hardware Support	HS939E	\$2,276.00						•		
HP 1 year 4 hour 13x5 Networks 5800-48 Switch Hardware Support	HR569E	\$2,302.00				•				
HP 1 year Post Warranty 6 hour Call to Repair Networks 5820 Switch Hardware Support	HS921PE	\$2,440.00					•			

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 1 year 6 hour Call to Repair Networks 5800-24 Switch Hardware Support	HR568E	\$2,440.00				•				
HP 5 year 4 hour 13x5 ProCurve A55xx Switch Hardware Support	UV872E	\$2,470.00	•		•					
HP 5 year 4 hour 13x5 Networks 5500-48 SI Hardware Support	HQ088E	\$2,470.00	•		•					
HP 1 year 4 hour 24x7 Networks 5800-48 Switch Hardware Support	HR570E	\$2,572.00				•				
HP 3 year 5920AF-24XG Switch Next day Exchange Hardware Support	U1V72E	\$2,611.00								•
HP 1 year 6 hour Call to Repair Networks 5820 Switch Hardware Support	HR563E	\$2,712.00					•			
HP 5 year 4 hour 24x7 Networks 5500-48 SI Hardware Support	HQ089E	\$2,759.00	•		•					
HP 5 year 4 hour 24x7 ProCurve A55xx Switch Hardware Support	UV875E	\$2,759.00	•		•					
HP 1 year 6 hour Call to Repair A5830-48 Switch Hardware Support	HS933E	\$2,771.00						•		
HP 3 year 6 hour Call to Repair Networks 5500-48 SI Hardware Support	HQ082E	\$2,822.00	•		•					
HP 3 year 6 hour CTR ProCurve A55xx Switch Hardware Support	UW966E	\$2,822.00	•		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 582x Switch products Service	U4F34PE	\$2,909.00					•			
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-48 Switch products Service	U4N48PE	\$2,972.00						•		
HP 3 year Next business day Onsite 5820 Switch Hardware Support	HS549E	\$2,988.00					•			
HP 1 year 4 hour 13x5 5900-48 switch Hardware Support	U5X86E	\$3,062.00							•	
HP 1 year 4 hour 13x5 5830-96G Switch Hardware Support	HT183E	\$3,095.00						•		
HP 1 year 6 hour 24x7 Call to Repair 5920AF-24XG Switch Hardware Support	U1W00E	\$3,179.00								•
HP 1 year 4 hour 24x7 5900-48 switch Hardware Support	U5X88E	\$3,456.00							•	
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-96 Switch products Service	U4N51PE	\$3,493.00						•		
HP 1 year 4 hour 24x7 5830-96G Switch Hardware Support	HT185E	\$3,493.00						•		
HP 4 year 6 hour Call to Repair Networks 5500-48 SI Hardware Support	HQ087E	\$3,695.00	•		•					
HP 4 year 6 hour CTR ProCurve A55xx Switch Hardware Support	UW967E	\$3,695.00	•		•					
HP 3 year 4 hour 13x5 ProCurve A580x Switch Hardware Support	UV882E	\$3,870.00				•				
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-96 Switch products Service	U4N52PE	\$3,891.00						•		
HP 4 year Next business day Onsite 5820 Switch Hardware Support	HS551E	\$3,973.00					•			

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 1 year 6 hour Call to Repair Networks 5800-48 Switch Hardware Support	HR573E	\$4,223.00				•				
HP 3 year 4 hour 24x7 ProCurve A580x Switch Hardware Support	UV885E	\$4,324.00				•				
HP 3 year Next Business Day Exchange 5900-48 switch Hardware Support	U5X94E	\$4,456.00							•	
HP 3 year Next Business Day Exchange 5830-96G Switch Hardware Support	HT191E	\$4,504.00						•		
HP 5 year 6 hour Call to Repair Networks 5500-48 SI Hardware Support	HQ090E	\$4,530.00	•		•					
HP 5 year 6 hour CTR ProCurve A55xx Switch Hardware Support	UW968E	\$4,530.00	•		•					
HP 3 year 4 hour 13x5 ProCurve A582x Switch Hardware Support	UV894E	\$4,834.00					•			
HP 3 year 4 hour 13x5 A5830-48 Switch Hardware Support	HS940E	\$4,938.00						•		
HP 4 year 4 hour 13x5 ProCurve A580x Switch Hardware Support	UV883E	\$5,068.00				•				
HP 3 year 4 hour 24x7 ProCurve A582x Switch Hardware Support	UV897E	\$5,407.00					•			
HP 1 year 6 hour Call to repair 5900-48 switch Hardware Support	U5X90E	\$5,425.00							•	
HP 1 year 6 hour Call to Repair 5830-96G Switch Hardware Support	HT187E	\$5,483.00						•		
HP 3 year 4 hour 24x7 A5830-48 Switch Hardware Support	HS941E	\$5,523.00						•		
HP 4 year 4 hour 24x7 ProCurve A580x Switch Hardware Support	UV886E	\$5,663.00				•				
HP 3 year 4 hour 13x5 5920AF-24XG Switch Hardware Support	U1V62E	\$5,665.00								•
HP 1 year Post Warranty Next business day Exchange Networks HP 5830-96 Switch products Service	U4N53PE	\$5,881.00						•		
HP 5 year 4 hour 13x5 ProCurve A580x Switch Hardware Support	UV884E	\$6,214.00				•				
HP 3 year 4 hour 24x7 5920AF-24XG Switch Hardware Support	U1V64E	\$6,337.00								•
HP 4 year 4 hour 13x5 ProCurve A582x Switch Hardware Support	UV895E	\$6,390.00					•			
HP 4 year 4 hour 13x5 A5830-48 Switch Hardware Support	HS948E	\$6,528.00						•		
HP 3 year 4 hour 13X55800 48 ports Hardware Support	HQ063E	\$6,699.00				•				
HP 5 year 4 hour 24x7 ProCurve A580x Switch Hardware Support	UV887E	\$6,942.00				•				
HP 3 year 6 hour CTR ProCurve A580x Switch Hardware Support	UW969E	\$7,100.00				•				
HP 4 year 4 hour 24x7 ProCurve A582x Switch Hardware Support	UV898E	\$7,140.00					•			
HP 4 year 4 hour 24x7 A5830-48 Switch Hardware Support	HS949E	\$7,294.00						•		
HP 3 year 4 hour 24x7 5800 48 ports Hardware Support	HQ064E	\$7,484.00				•				

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Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 4 year 4 hour 13x5 5920AF-24XG Switch Hardware Support	U6A05E	\$7,489.00								•
HP 5 year 4 hour 13x5 ProCurve A582x Switch Hardware Support	UV896E	\$7,878.00					•			
HP 5 year 4 hour 13x5 A5830-48 Switch Hardware Support	HS956E	\$8,048.00						•		
HP 3 year 6 hour CTR ProCurve A582x Switch Hardware Support	UW972E	\$8,271.00					•			
HP 4 year 4 hour 24x7 5920AF-24XG Switch Hardware Support	U6A07E	\$8,369.00								•
HP 3 year 6 hour Call to Repair A5830-48 Switch Hardware Support	HS942E	\$8,449.00						•		
HP 4 year 4 hour 13x5 5800 48 ports Hardware Support	HQ068E	\$8,772.00				•				
HP 5 year 4 hour 24x7 ProCurve A582x Switch Hardware Support	UV899E	\$8,798.00					•			
HP 5 year 4 hour 24x7 A5830-48 Switch Hardware Support	HS957E	\$8,987.00						•		
HP 5 year 4 hour 13x5 5920AF-24XG Switch Hardware Support	U6A17E	\$9,234.00								•
HP 4 year 6 hour CTR ProCurve A580x Switch Hardware Support	UW970E	\$9,298.00				•				
HP 3 year 4 hour 13x5 5900-48 switch Hardware Support	U5X96E	\$9,667.00							•	
HP 3 year 6 hour 24x7 Call to Repair 5920AF-24XG Switch Hardware Support	U1V67E	\$9,694.00								•
HP 3 year 4 hour 13x5 5830-96G Switch Hardware Support	HT192E	\$9,771.00						•		
HP 4 year 4 hour 24x7 5800 48 ports Hardware Support	HQ069E	\$9,801.00				•				
HP 5 year 4 hour 24x7 5920AF-24XG Switch Hardware Support	U6A19E	\$10,311.00								•
HP 5 year 4 hour 13x5 5800 48 ports Hardware Support	HQ071E	\$10,755.00				•				
HP 3 year 4 hour 24x7 5900-48 switch Hardware Support	U5X98E	\$10,813.00							•	
HP 4 year 6 hour CTR ProCurve A582x Switch Hardware Support	UW973E	\$10,891.00					•			
HP 3 year 4 hour 24x7 5830-96G Switch Hardware Support	HT194E	\$10,929.00						•		
HP 4 year 6 hour Call to Repair A5830-48 Switch Hardware Support	HS950E	\$11,125.00						•		
HP 5 year 6 hour CTR ProCurve A580x Switch Hardware Support	UW971E	\$11,399.00				•				
HP 5 year 4 hour 24x7 5800 48 ports Hardware Support	HQ072E	\$12,016.00				•				
HP 3 year 6 hour 24x7 Call-to-Repair 5800 48 ports Hardware Support	HQ065E	\$12,289.00				•				
HP 4 year 6 hour 24x7Call to Repair 5920AF-24XG Switch Hardware Support	U6A10E	\$12,765.00								•
HP 4 year 4 hour 13x5 5900-48 switch Hardware Support	U5Y08E	\$12,780.00							•	

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Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 4 year 4 hour 13x5 5830-96G Switch Hardware Support	HT200E	\$12,918.00						•		
HP 5 year 6 hour CTR ProCurve A582x Switch Hardware Support	UW974E	\$13,396.00					•			
HP 5 year 6 hour Call to Repair A5830-48 Switch Hardware Support	HS958E	\$13,684.00						•		
HP 4 year 4 hour 24x7 5900-48 switch Hardware Support	U5Y10E	\$14,281.00							•	
HP 4 year 4 hour 24x7 5830-96G Switch Hardware Support	HT202E	\$14,434.00						•		
HP 5 year 6 hour 24x7 Call to Repair 5920AF-24XG Switch Hardware Support	U6A22E	\$15,701.00								•
HP 5 year 4 hour 13x5 5900-48 switch Hardware Support	U5Y20E	\$15,756.00							•	
HP 5 year 4 hour 13x5 5830-96G Switch Hardware Support	HT208E	\$15,926.00						•		
HP 4 year 6 hour 24x7 Call-to-Repair 5800 48 ports Hardware Support	HQ070E	\$16,093.00				•				
HP 3 year 6 hour Call to Repair 5900-48 switch Hardware Support	U5Y01E	\$16,542.00							•	
HP 3 year 6 hour Call to Repair 5830-96G Switch Hardware Support	HT196E	\$16,720.00						•		
HP 5 year 4 hour 24x7 5900-48 switch Hardware Support	U5Y22E	\$17,596.00							•	
HP 5 year 4 hour 24x7 5830-96G Switch Hardware Support	HT210E	\$17,785.00						•		
HP 5 year 6 hour 24x7 Call-to-Repair 5800 48 ports Hardware Support	HQ073E	\$19,729.00				•				
HP 4 year 6 hour Call to repair 5900-48 switch Hardware Support	U5Y13E	\$21,782.00							•	
HP 4 year 6 hour Call to Repair 5830-96G Switch Hardware Support	HT204E	\$22,017.00						•		
HP 5 year 6 hour Call to Repair 5900-48 switch Hardware Support	U5Y25E	\$26,793.00							•	
HP 5 year 6 hour Call to Repair 5830-96G Switch Hardware Support	HT212E	\$27,081.00						•		
Software Support Services										
HP 1 year 24x7 5500-48 SI Switch Software Support	HR582E	\$12.00	•		•					
HP 1 year 24x7 5500-24 SI Switch Software Support	HR577E	\$12.00	•		•					
HP 3 year 24x7 Networks 5500-48 SI Software Support	HQ083E	\$34.00	•		•					
HP 3 year 24x7 ProCurve A55xx Software Support	UV879E	\$34.00	•		•					
HP 4 year 24x7 Networks 5500-48 SI Software Support	HQ091E	\$45.00	•		•					
HP 4 year 24x7 ProCurve A55xx Software Support	UV880E	\$45.00	•		•					
HP 1 year Networks 5800-48 Switch Software Support	HR572E	\$47.00				•				
HP 1 year Networks 5800-24 Switch Software Support	HR567E	\$47.00				•				
HP 5 year 24x7 Networks 5500-48 SI Software Support	HQ092E	\$55.00	•		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 5500 EI Switch Series	HP 5500 HI Switch Series	HP 5500 SI Switch Series	HP 5800 Switch Series	HP 5820 Switch Series	HP 5830 Switch Series	HP 5900 Switch Series	HP 5920 Switch Series
HP 5 year 24x7 ProCurve A55xx Software Support	UV881E	\$55.00	•		•					
HP 3 year 24x7 ProCurve A580x Software Support	UV891E	\$137.00				•				
HP 4 year 24x7 ProCurve A580x Software Support	UV892E	\$179.00				•				
HP 3 year 24x7 5800 48 ports Software Support	HQ066E	\$205.00				•				
HP 5 year 24x7 ProCurve A580x Software Support	UV893E	\$220.00				•				
HP 4 year 24x7 5800 48 ports Software Support	HQ074E	\$269.00				•				
HP 1 year Networks 5820 Switch Software Support	HR562E	\$327.00					•			
HP 5 year 24x7 5800 48 ports Software Support	HQ075E	\$330.00				•				
HP 1 year 24x7 A5830-48 Switch Software Support	HS934E	\$342.00						•		
HP 1 year 24x7 5920-24 Switch Software Support	U0U78E	\$384.00								•
HP 1 year 24x7 5900 Switch Software Support	U5X92E	\$655.00							•	
HP 1 year 24x7 5830-96G Switch Software Support	HT189E	\$669.00						•		
HP 3 year 9x5 582x Software Support	HS553E	\$787.00					•			
HP 3 year 24x7 ProCurve A582x Software Support	UV903E	\$952.00					•			
HP 3 year 24x7 A5830-48 Switch Software Support	HS943E	\$994.00						•		
HP 4 year 9x5 582x Switch Software Support	HV085E	\$1,031.00					•			
HP 3 year 24x7 2 hour 5920AF-24XG Switch Software Support	U1V70E	\$1,118.00								•
HP 4 year 24x7 ProCurve A582x Software Support	UV904E	\$1,247.00					•			
HP 4 year 24x7 A5830-48 Switch Software Support	HS951E	\$1,301.00						•		
HP 4 year 24x7 2 hour 5920AF-24XG Switch Software Support	U6A13E	\$1,464.00								•
HP 5 year 24x7 ProCurve A582x Software Support	UV905E	\$1,529.00					•			
HP 5 year 24x7 A5830-48 Switch Software Support	HS959E	\$1,595.00						•		
HP 5 year 24x7 2 hour 5920AF-24XG Switch Software Support	U6A25E	\$1,795.00								•
HP 3 year 24x7 5900-48 switch Software Support	U5Y04E	\$1,905.00							•	
HP 3 year 24x7 5830-96G Switch Software Support	HT198E	\$1,946.00						•		
HP 4 year 24x7 5900-48 switch Software Support	U5Y16E	\$2,494.00							•	
HP 4 year 24x7 5830-96G Switch Software Support	HT206E	\$2,549.00						•		
HP 5 year 24x7 5900-48 switch Software Support	U5Y28E	\$3,058.00							•	
HP 5 year 24x7 5830-96G Switch Software Support	HT214E	\$3,124.00						•		
Услуги по обучению										
HP Ed Education ProCurve Svc	HH245E	\$270.00	•		•	•		•		
Услуги по установке аппаратных средств										
HP Networks 5810 5800 Series Switch Installation Service	UX120E	\$350.00				•	•	•	•	•
HP Networks 55xx Series Switch Installation Service	UX118E	\$350.00	•		•					
HP Networks 55xx Series Switch Startup Service	UX119E	\$1,430.00	•		•					
HP Networks 5810 5800 Series Switch Startup Service	UX121E	\$2,860.00				•				

Quick Reference Compatibility Guide

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Product options	Part number	lp	Серия коммутаторов HP ProCurve 2910al	Серия коммутаторов HP ProCurve 6600	Серия коммутаторов ProCurve 3500yl	Серия коммутаторов ProCurve 6200yl
Direct Attach Cables						
Кабель прямого подключения HP X242 SFP+ SFP+ 1 м	J9281B	\$181.00	•	•	•	
Кабель прямого подключения HP X242 SFP+ SFP+ 3 м	J9283B	\$273.00	•	•	•	
Кабель прямого подключения HP X242 SFP+ SFP+ 7 м	J9285B	\$360.00	•	•	•	
HP X242 10G SFP+ to SFP+ 10m Direct Attach Copper Cable	J9286B	\$463.00		•	•	
HP X242 10G SFP+ to SFP+ 15m Direct Attach Copper Cable	J9287B	\$563.00		•	•	
HP X244 10G XFP to SFP+ 1m Direct Attach Copper Cable	J9300A	\$929.00		•	•	
HP 10G X244 XFP to SFP+ 3m Direct Attach Copper Cable	J9301A	\$998.00		•	•	
HP 10G X244 XFP to SFP+ 5m Direct Attach Copper Cable	J9302A	\$1,066.00		•	•	
Fiber Cables						
Сетевой кабель HP 0,5 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ833A	\$75.00	•	•	•	•
Сетевой кабель HP 1 метр, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ834A	\$80.00	•	•	•	
Сетевой кабель HP 2 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ835A	\$90.00	•	•	•	
Сетевой кабель HP 5 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ836A	\$105.00	•	•	•	
Сетевой кабель HP 15 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ837A	\$125.00	•	•	•	
Сетевой кабель HP 30 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ838A	\$180.00	•	•	•	
Сетевой кабель HP 50 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ839A	\$255.00	•	•	•	
Networking Fans/Fan Options						
Комплект резервных вентиляторов для HP A6600	J9480A	\$79.00		•		
Резервные вентиляторы HP A6600-24G и 24G-4XG	J9481A	\$102.00		•		
Redundant Power Supplies						
HP 630 Redundant and/or External Power Supply	J9443A	\$1,512.00	•		•	
Резервный/внешний блок питания HP E620	J8696A	\$2,623.00	•		•	•
Switch Modules						
2-портовый модуль HP 10GbE CX4 al	J9149A	\$732.00	•			
Соединительный комплект для коммутатора HP 10GbE al	J9165A	\$732.00	•			
2-портовый модуль HP 10GbE SFP+ al	J9008A	\$1,141.00	•			
HP 10GbE 2-port SFP+ / 2-port CX4 yl Module	J9312A	\$2,063.00			•	•

Quick Reference Compatibility Guide

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Product options	Part number	lp	Серия коммутаторов HP ProCurve 2910al	Серия коммутаторов HP ProCurve 6600	Серия коммутаторов ProCurve 3500yl	Серия коммутаторов ProCurve 6200yl
2-портовый модуль HP 10GbE X2 / 2-портовый CX4 модуль yl	J8694A	N/A			•	•
Switch Rackmount/Rail Kits						
Комплект стойки серии HP A6600	J9469A	\$79.00		•		
HP X410 1U Universal 4-post Rack Mounting Kit	J9583A	\$138.00			•	
Варианты BladeSystem класса C						
Сменный медный кабель для HP BladeSystem c-Class, SFF, 5 м, 10GbE	537963-B21	\$315.00		•		
Подключаемая система HP BladeSystem c-Class малого форм-фактора 0,5 м 10GbE, медный кабель	487649-B21	N/A		•		
Подключаемая система HP BladeSystem c-Class малого форм-фактора 3 м 10GbE, медный кабель	487655-B21	N/A		•		
Подключаемая система HP BladeSystem c-Class малого форм-фактора 1 м 10GbE, медный кабель	487652-B21	N/A		•		
Подключаемая система HP BladeSystem c-Class малого форм-фактора 7 м 10GbE, медный кабель	487658-B21	N/A		•		
Приемопередатчики						
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00		•	•	•
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00				•
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00	•	•	•	•
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00	•	•	•	•
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00	•	•	•	•
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00	•	•	•	•
Трансивер HP X131 10-GbE X2 CX4	J8440C	\$1,099.00			•	•
Трансивер HP X122 1G SFP LC BX-U	J9143B	\$1,146.00	•	•	•	•
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00	•	•	•	•
Трансивер HP X132 10G SFP+ LC LRM	J9152A	\$1,595.00	•	•	•	
HP X132 10G SFP+ LC SR Transceiver	J9150A	\$1,733.00	•	•	•	
Оптический приемопередатчик HP ProCurve 10-GbE X2-SC SR	J8436A	\$1,753.00			•	•
Трансивер HP X131 10G X2 SC LRM	J9144A	\$1,832.00			•	•
Трансивер HP X132 10G SFP+ LC LR	J9151A	\$3,491.00	•	•	•	
Оптический приемопередатчик HP ProCurve 10-GbE X2-SC LR	J8437A	\$3,736.00			•	•
Трансивер HP X121 1G SFP LC LH	J4860C	\$3,956.00	•	•	•	•
HP X132 10G SFP+ LC ER Transceiver	J9153A	\$8,920.00		•	•	
HP 10GbE X2-SC ER Optic	J8438A	\$11,063.00			•	•
Hardware Software Combo Support Services						
HP 1 year Next business day Exchange Plus Stack 24 Support	HS610E	\$177.00	•		•	•
HP 1 year Next business day Exchange Plus Stack 48 Support	HS618E	\$269.00	•	•	•	
HP 1 year 4-Hour Exchange Plus Stack 24 Support	HS611E	\$281.00	•		•	•
HP 1 year Support Plus24 Stack24 Switch Service	HR891E	\$355.00	•		•	•
HP 1 year 4-Hour Exchange Plus Stack 48 Support	HS619E	\$430.00	•	•	•	

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Product options	Part number	lp	Серия коммутаторов HP ProCurve 2910al	Серия коммутаторов HP ProCurve 6600	Серия коммутаторов ProCurve 3500yl	Серия коммутаторов ProCurve 6200yl
HP 3 year Next business day Exchange Plus Stack 24 Support	HS612E	\$515.00	•		•	•
HP 1 year Support Plus24 Stack48 Switch Service	HR896E	\$545.00	•	•	•	
HP 4 year Next business day Exchange Plus Stack 24 Support	HS614E	\$674.00	•		•	•
HP 3 year Next business day Exchange Plus Stack 48 Support	HS620E	\$782.00	•	•	•	
HP 3 year 4-Hour Exchange Plus Stack 24 Support	HS613E	\$817.00	•		•	•
HP 5 year Next business day Exchange Plus Stack 24 Support	HS616E	\$826.00	•		•	•
HP 4 year Next business day Exchange Plus Stack 48 Support	HS622E	\$1,024.00	•	•	•	
HP 3 year Next business day Proactive Care Stack24 Switch Service	U2K97E	\$1,062.00	•		•	•
HP 4 year 4-Hour Exchange Plus Stack 24 Support	HS615E	\$1,070.00	•		•	•
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	U6304E	\$1,077.00	•		•	•
HP 3 year 4-Hour Exchange Plus Stack 48 Support	HS621E	\$1,252.00	•	•	•	
HP 5 year Next business day Exchange Plus Stack 48 Support	HS624E	\$1,255.00	•	•	•	
HP 5 year 4-Hour Exchange Plus Stack 24 Support	HS617E	\$1,312.00	•		•	•
HP 4 year Support Plus 24 ProCurve Stack24 Service	UR870E	\$1,352.00	•		•	•
HP 4 year Next business day Proactive Care Stack24 Switch Service	U2K98E	\$1,391.00	•		•	•
HP 3 year 4 hour 24x7 Proactive Care Stack24 Switch Service	U2L00E	\$1,444.00	•		•	•
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	U6319E	\$1,587.00	•	•	•	
HP 3 year Next business day Proactive Care Stack48 Switch Service	U2K88E	\$1,627.00	•	•	•	
HP 4 year 4-Hour Exchange Plus Stack 48 Support	HS623E	\$1,640.00	•	•	•	
HP 5 year Support Plus 24 ProCurve Stack24 Service	UR874E	\$1,657.00	•		•	•
HP 5 year Next business day Proactive Care Stack24 Switch Service	U2K99E	\$1,705.00	•		•	•
HP 4 year 4 hour 24x7 Proactive Care Stack24 Switch Service	U2L01E	\$1,891.00	•		•	•
HP 5 year 4-Hour Exchange Plus Stack 48 Support	HS625E	\$2,011.00	•	•	•	
HP 4 year Support Plus 24 ProCurve Stack48 Service	UR886E	\$2,078.00	•	•	•	
HP 3 year 6 hour Call to Repair Proactive Care Stack24 Switch Service	U2L03E	\$2,084.00	•		•	•
HP 4 year Next business day Proactive Care Stack48 Switch Service	U2K89E	\$2,130.00	•	•	•	
HP 3 year 4 hour 24x7 Proactive Care Stack48 Switch Service	U2K91E	\$2,221.00	•	•	•	
HP 5 year 4 hour 24x7 Proactive Care Stack24 Switch Service	U2L02E	\$2,318.00	•		•	•
HP 5 year Support Plus 24 ProCurve Stack48 Service	UR890E	\$2,547.00	•	•	•	
HP 5 year Next business day Proactive Care Stack48 Switch Service	U2K90E	\$2,611.00	•	•	•	

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Product options	Part number	lp	Серия коммутаторов HP ProCurve 2910al	Серия коммутаторов HP ProCurve 6600	Серия коммутаторов ProCurve 3500yl	Серия коммутаторов ProCurve 6200yl
HP 4 year 6 hour Call to Repair Proactive Care Stack24 Switch Service	U2L04E	\$2,730.00	•		•	•
HP 4 year 4 hour 24x7 Proactive Care Stack48 Switch Service	U2K92E	\$2,908.00	•	•	•	
HP 3 year 6 hour Call to Repair Proactive Care Stack48 Switch Service	U2K94E	\$3,217.00	•	•	•	
HP 5 year 6 hour Call to Repair Proactive Care Stack24 Switch Service	U2L05E	\$3,346.00	•		•	•
HP 5 year 4 hour 24x7 Proactive Care Stack48 Switch Service	U2K93E	\$3,565.00	•	•	•	
HP 4 year 6 hour Call to Repair Proactive Care Stack48 Switch Service	U2K95E	\$4,213.00	•	•	•	
HP 5 year 6 hour Call to Repair Proactive Care Stack48 Switch Service	U2K96E	\$5,165.00	•	•	•	
Hardware Support Services						
HP 1 year 4 hour 13x5 Stack24 Switch Hardware Support	HR889E	\$307.00	•		•	•
HP 1 year 4 hour 24x7 Stack24 Switch Hardware Support	HR890E	\$343.00	•		•	•
HP 1 year 4 hour 13x5 Stack48 Switch Hardware Support	HR894E	\$477.00	•	•	•	
HP 1 year 4 hour 24x7 Stack48 Switch Hardware Support	HR895E	\$533.00	•	•	•	
HP 1 year 6 hour Call to Repair Stack24 Switch Hardware Support	HR893E	\$563.00	•		•	•
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	U2855E	\$635.00	•		•	•
HP 1 year 6 hour Call to Repair Stack48 Switch Hardware Support	HR898E	\$876.00	•	•	•	
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	U2856E	\$998.00	•		•	•
HP 4 year 4 hour Response 13x5 ProCurve Stack24 Hardware Support	UR868E	\$1,170.00	•		•	•
HP 4 year 24x7 ProCurve Stack24 Hardware Support	UR869E	\$1,307.00	•		•	•
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	H4496E	\$1,389.00	•	•	•	
HP 5 year 4 hour Response 13x5 ProCurve Stack24 Hardware Support	UR872E	\$1,434.00	•		•	•
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	H2893E	\$1,552.00	•	•	•	
HP 5 year 24x7 ProCurve Stack24 Hardware Support	UR873E	\$1,602.00	•		•	•
HP 3 year 6 hour CTR ProCurve Stack24 Hardware Support	UW356E	\$1,639.00	•		•	•
HP 4 year 4 hour Response 13x5 ProCurve Stack48 Hardware Support	UR884E	\$1,819.00	•	•	•	
HP 4 year 24x7 ProCurve Stack48 Hardware Support	UR885E	\$2,033.00	•	•	•	

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Product options	Part number	lp	Серия коммутаторов HP ProCurve 2910al	Серия коммутаторов HP ProCurve 6600	Серия коммутаторов ProCurve 3500yl	Серия коммутаторов ProCurve 6200yl
HP 4 year 6 hour CTR ProCurve Stack24 Hardware Support	UW357E	\$2,146.00	•		•	•
HP 5 year 4 hour Response 13x5 ProCurve Stack48 Hardware Support	UR888E	\$2,231.00	•	•	•	
HP 5 year 24x7 ProCurve Stack48 Hardware Support	UR889E	\$2,492.00	•	•	•	
HP 3 year 6 hour CTR ProCurve Stack48 Hardware Support	UW365E	\$2,549.00	•	•	•	
HP 5 year 6 hour CTR ProCurve Stack24 Hardware Support	UW358E	\$2,631.00	•		•	•
HP 4 year 6 hour CTR ProCurve Stack48 Hardware Support	UW366E	\$3,338.00	•	•	•	
HP 5 year 6 hour CTR ProCurve Stack48 Hardware Support	UW367E	\$4,092.00	•	•	•	
Software Support Services						
HP 1 year 24x7 Stack48 Switch Software Support	HR897E	\$12.00	•	•	•	
HP 1 year 24x7 Stack24 Switch Software Support	HR892E	\$12.00	•		•	•
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE262E	\$34.00	•		•	•
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE264E	\$34.00	•	•	•	
HP 4 year 24x7 ProCurve Stack24 Software Support	UR871E	\$45.00	•		•	•
HP 4 year 24x7 ProCurve Stack48 Software Support	UR887E	\$45.00	•	•	•	
HP 5 year 24x7 ProCurve Stack48 Software Support	UR891E	\$55.00	•	•	•	
HP 5 year 24x7 ProCurve Stack24 Software Support	UR875E	\$55.00	•		•	•
Услуги по обучению						
HP Ed Education ProCurve Svc	HH245E	\$270.00	•	•	•	•
Услуги по установке аппаратных средств						
Установка стекируемого коммутатора ProCurve	U4826E	\$260.00	•	•	•	•
Установка и запуск стекируемого коммутатора ProCurve	U4830E	\$1,325.00	•	•	•	•

The HP 10500 is designed to set a new benchmark for performance, low-latency, reliability and future-proof scalability to enable a video-ready campus network and provide an unmatched user experience with an advanced, simplified network architecture.

HP 10500 Switch Series

Standard features

- Quality of Service (QoS)**

IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic

- Firewall**

Stateful firewall: enforces firewall policies to control traffic and filter access to network services; maintains session information for every connection passing through it, enabling the firewall to control packets based on existing sessions

- Virtual private network (VPN)**

IPSec: provides secure tunneling over an untrusted network such as the Internet or a wireless network; offers data confidentiality, authenticity, and integrity between two endpoints of the network

- Management**

Management interface control: each of the following interfaces can be enabled or disabled depending on security preferences: console port, telnet port, or reset button

- Connectivity**

High-density port connectivity: offers up to 12 interface module slots; up to 96 40-GbE ports, 576 10-GbE ports, 576 gigabit fiber/electrical ports per system

- Routing table size: 512000 entries

- Security features: "IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1492 TACACS+; RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2408 Internet Security Association and Key Management Protocol (ISAKMP) ; RFC 2409 The Internet Key Exchange (IKE); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Port Security; SSHv1/SSHv2 Secure Shell"

Standard Models	Part number	wc	lp
HP 10504 Switch Chassis	JC613A	4U	\$6,380.00
HP 10508 Switch Chassis	JC612A	4U	\$9,052.00
HP 10508-V Switch Chassis	JC611A	4U	\$10,643.00
HP 10512 Switch Chassis	JC748A	4U	\$17,030.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X115 100M SFP LC BX 10-D Transceiver	JD101A	\$435.00
Трансивер X115 100M SFP LC BX 10-U	JD100A	\$435.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP ProCurve Switch Install level 3	UX033E	\$1,000.00
HP 1 year 24x7 10504 Switch Software Support	HT057E	\$1,451.00
HP 1 year 24x7 10508 Switch Software Support	HT090E	\$1,779.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 10500 is designed to set a new benchmark for performance, low-latency, reliability and future-proof scalability to enable a video-ready campus network and provide an unmatched user experience with an advanced, simplified network architecture.

HP 10500 Switch Series

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2154 OSPF w/ Digital Signatures (Password, MD-5); RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3137 OSPF Stub Router Advertisement; RFC 3623 Graceful OSPF Restart; RFC 3630 Traffic Engineering Extensions to OSPFv2; RFC 4061 Benchmarking Basic OSPF Single Router Control Plane Convergence; RFC 4062 OSPF Benchmarking Terminology and Concepts; RFC 4063 Considerations When Using Basic OSPF Convergence Benchmarks; RFC 4222 Prioritized Treatment of Specific OSPF Version 2 Packets and Congestion Avoidance; RFC 4577 OSPF as the Provider/Customer Edge Protocol for BGP/MPLS IP Virtual Private Networks (VPNs); RFC 4811 OSPF Out-of-Band LSDB Resynchronization; RFC 4812 OSPF Restart Signaling; RFC 4813 OSPF Link-Local Signaling; RFC 4940 IANA Considerations for OSPF
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2407 - Domain of interpretation; RFC 2547 BGP/MPLS VPNs ; RFC 2917 A Core MPLS IP VPN Architecture; RFC 3947 - Negotiation of NAT-Traversal in the IKE; RFC 4302 - IP Authentication Header (AH); RFC 4303 - IP Encapsulating Security Payload (ESP)
- QoS/Cos: IEEE 802.1P (CoS); RFC 1349 Type of Service in the Internet Protocol Suite; RFC 2211 Specification of the Controlled-Load Network Element Service; RFC 2212 Guaranteed Quality of Service; RFC 2474 DSCP DiffServ; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF)
- Memory and processor: Management module : MIPS64 @ 1G MHz, 128 MB flash, 1024 MB DDR2 SDRAM

The HP 10500 is designed to set a new benchmark for performance, low-latency, reliability and future-proof scalability to enable a video-ready campus network and provide an unmatched user experience with an advanced, simplified network architecture.

HP 10500 Switch Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3ba 40Gb/s and 100Gb/s Ethernet; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 894 IP over Ethernet; RFC 903 RARP; RFC 906 TFTP Bootstrap; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 959 File Transfer Protocol (FTP); RFC 1027 Proxy ARP; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1305 NTPv3; RFC 1350 TFTP Protocol (revision 2); RFC 1393 Traceroute Using an IP Option; RFC 1519 CIDR; RFC 1531 Dynamic Host Configuration Protocol; RFC 1533 DHCP Options and BOOTP Vendor Extensions; RFC 1591 DNS (client only) ; RFC 1624 Incremental Internet Checksum; RFC 1701 Generic Routing Encapsulation; RFC 1721 RIP-2 Analysis; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2082 RIP-2 MD5 Authentication; RFC 2091 Trigger RIP; RFC 2131 DHCP; RFC 2138 Remote Authentication Dial In User Service (RADIUS); RFC 2236 IGMP Snooping; RFC 2338 VRRP; RFC 2453 RIPv2; RFC 2644 Directed Broadcast Control; RFC 2763 Dynamic Name-to-System ID mapping support; RFC 2784 Generic Routing Encapsulation (GRE); RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2966 Domain-wide Prefix Distribution with Two-Level IS-IS; RFC 2973 IS-IS Mesh Groups; RFC 3022 Traditional IP Network Address Translator (Traditional NAT); RFC 3277 IS-IS Transient Blackhole Avoidance; RFC 3567 Intermediate System to Intermediate System (IS-IS) Cryptographic Authentication; RFC 3719 Recommendations for Interoperable Networks using Intermediate System to Intermediate System (IS-IS); RFC 3784 ISIS TE support; RFC 3786 Extending the Number of IS-IS LSP F (this is a partial list; see the data sheet pdf for a complete list)

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HP 10500 Switch Series

- IPv6: RFC 1886 DNS Extension for IPv6; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2081 RIPng Protocol Applicability Statement; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2526 Reserved IPv6 Subnet Anycast Addresses; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2767 Dual stacks IPv4 & IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3484 Default Address Selection for IPv6 ; RFC 3513 IPv6 Addressing Architecture; RFC 3736 Stateless Dynamic Host Configuration Protocol (DHCP) Service for IPv6; RFC 3810 MLDv2 for IPv6; RFC 4214 Intra-Site Automatic Tunnel Addressing Protocol (ISATAP); RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration
- BGP: RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2796 BGP Route Reflection; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability; RFC 3065 Autonomous System Confederations for BGP; RFC 3392 Capabilities Advertisement with BGP-4; RFC 4271 A Border Gateway Protocol 4 (BGP-4); RFC 4272 BGP Security Vulnerabilities Analysis; RFC 4273 Definitions of Managed Objects for BGP-4; RFC 4274 BGP-4 Protocol Analysis; RFC 4275 BGP-4 MIB Implementation Survey; RFC 4276 BGP-4 Implementation Report; RFC 4277 Experience with the BGP-4 Protocol; RFC 4360 BGP Extended Communities Attribute; RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP); RFC 5291 Outbound Route Filtering Capability for BGP-4; RFC 5292 Address-Prefix-Based Outbound Route Filter for BGP-4
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1448 Protocol Operations for version 2 of the Simple Network Management Protocol (SNMPv2) ; RFC 2211 Controlled-Load Network; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; RFC 3411 SNMP Management Frameworks; RFC 3412 SNMPv3 Message Processing; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED)

Warranty

The HP 10500 is designed to set a new benchmark for performance, low-latency, reliability and future-proof scalability to enable a video-ready campus network and provide an unmatched user experience with an advanced, simplified network architecture.

HP 10500 Switch Series

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP 12500 Switch Series is a family of powerful, next-generation routing switches with outstanding capacity for the network core or data center. Besides innovative Intelligent Resilient Framework (IRF) technology that provides unprecedented levels of performance and high availability, the 12500 switch series incorporate Open Application Architecture (OAA), which



HP 12500 Switch Series

Standard features

- Data center optimized**

Multitenant Device Context (MDC): is an innovative data center virtualization solution that enables multi-tenancy, giving customers the ability to virtualize a physical switch into multiple logical devices, with each logical switch having its own tenants

- Resiliency and high availability**

Intelligent Resilient Framework (IRF): creates virtual resilient switching fabrics, where two or more switches perform as a single L2 switch and L3 router; switches do not have to be co-located and can be part of a disaster recovery system; servers or switches can be attached using standard LACP for automatic load balancing and high availability; can eliminate the need for complex protocols like Spanning Tree Protocol, Equal-Cost Multipath (ECMP), or VRRP, thereby simplifying network operation

- Performance**

13.32 Tbps (12518 switch), 6.12 Tbps (12508 switch), and 3.24 Tbps (12504 switch) fully nonblocking CLOS architecture: includes a high-performance switch design with a nonblocking architecture

- Quality of Service (QoS)**

Virtual Output Queue (VOQ): prevents head-of-line (HOL) blocking per port at peak time and distributes it over a period of time, increasing switch performance

- Compartmentalization**

Department protection: using network virtualization standards (QinQ, VRF, and MPLS), the 12500 switch series allows organizations to isolate different business units with different resources (VRFs); using standard-based mechanisms, the network is completely virtualized, reducing cost and operations

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; SSHv2 Secure Shell; Web Authentication
- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1587 OSPF NSSA; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3623 Graceful OSPF Restart
- QoS/Cos: IEEE 802.1P (CoS); RFC 2212 Guaranteed Quality of Service; RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); RFC 2697 A Single Rate Three Color Marker; RFC 2698 A Two Rate Three Color Marker; Bi-directional Rate Shaping

Standard Models	Part number	wc	lp
HP 12504 AC Switch Chassis	JC654A	4U	\$7,445.00
HP 12504 DC Switch Chassis	JC655A	4U	\$7,445.00
HP 12508 DC Switch Chassis	JC652A	4U	\$13,840.00
HP 12508 Switch Chassis	JF431C	4U	\$14,336.00
HP 12518 DC Switch Chassis	JC653A	4U	\$26,617.00
HP 12518 Switch Chassis	JF430C	4U	\$28,674.00

Key options	Part number	lp
HP X114 100M SFP LC FX Transceiver	JF833A	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 100M/1G SFP LC LX	JF832A	\$902.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 12504 Switch Networking Software Support	U7M11E	\$882.00
HP ProCurve Switch Install level 4	UX034E	\$1,250.00
HP 1 year Networks 12508 Switch Software Support	HR497E	\$1,636.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

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HP 12500 Switch Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1ah Provider Backbone Bridges; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ab 1000BASE-T; IEEE 802.3ad Link Aggregation (LAG); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 903 RARP; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP); RFC 1027 Proxy ARP; RFC 1042 IP Datagrams; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 1812 IPv4 Routing; RFC 2131 DHCP; RFC 2338 VRRP; RFC 2784 Generic Routing Encapsulation (GRE); RFC 2865 Remote Authentication Dial In User Service (RADIUS)
- IPv6: RFC 1350 TFTP; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2475 IPv6 DiffServ Architecture; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 3315 DHCPv6 (client only); RFC 3484 Default Address Selection for IPv6 ; RFC 3513 IPv6 Addressing Architecture; RFC 3587 IPv6 Global Unicast Address Format; RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4541 IGMP & MLD Snooping Switch; RFC 4862 IPv6 Stateless Address Auto-configuration
- BGP: RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2796 BGP Route Reflection; RFC 2842 Capability Advertisement with BGP-4; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability

The HP 12500 Switch Series is a family of powerful, next-generation routing switches with outstanding capacity for the network core or data center. Besides innovative Intelligent Resilient Framework (IRF) technology that provides unprecedented levels of performance and high availability, the 12500 switch series incorporate Open Application Architecture (OAA), which



HP 12500 Switch Series

- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1215 SNMP Generic traps; RFC 1757 RMON 4 groups: Stats, History, Alarms and Events; RFC 1905 SNMPv2 Protocol Operations; RFC 2211 Controlled-Load Network; RFC 2272 SNMPv3 Management Protocol; RFC 2273 SNMPv3 Applications; RFC 2274 USM for SNMPv3; RFC 2571 SNMP Management Frameworks; RFC 2572 SNMPv3 Message Processing; RFC 2573 SNMPv3 Applications; RFC 2576 Coexistence between SNMP versions; RFC 2578 SMlv2; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3164 BSD syslog Protocol; RFC 3415 SNMPv3 View-based Access Control Model VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2c/v3
- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode; RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3; RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 4601 PIM Sparse Mode
- IKEv1: RFC 2865 - Remote Authentication Dial In User Service (RADIUS)
- MIBs: IEEE8023-LAG-MIB; RFC 1213 MIB II; RFC 1229 Interface MIB Extensions; RFC 1286 Bridge MIB; RFC 1493 Bridge MIB; RFC 1573 SNMP MIB II; RFC 1643 Ethernet MIB; RFC 1657 BGP-4 MIB; RFC 1724 RIPv2 MIB; RFC 1757 Remote Network Monitoring MIB; RFC 1850 OSPFv2 MIB; RFC 2011 SNMPv2 MIB for IP; RFC 2012 SNMPv2 MIB for TCP; RFC 2013 SNMPv2 MIB for UDP; RFC 2021 RMONv2 MIB; RFC 2096 IP Forwarding Table MIB; RFC 2233 Interfaces MIB; RFC 2273 SNMP-NOTIFICATION-MIB; RFC 2452 IPV6-TCP-MIB; RFC 2454 IPV6-UDP-MIB; RFC 2465 IPv6 MIB; RFC 2466 ICMPv6 MIB; RFC 2571 SNMP Framework MIB; RFC 2572 SNMP-MPD MIB; RFC 2573 SNMP-Target MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2787 VRRP MIB; RFC 2819 RMON MIB; RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB; RFC 2932IP (Multicast Routing MIB); RFC 2933 IGMP MIB; RFC 3273 HC-RMON MIB; RFC 3414 SNMP-User based-SM MIB; RFC 3415 SNMP-View based-ACM MIB; RFC 3418 MIB for SNMPv3; RFC 3621 Power Ethernet MIB; RFC 3813 MPLS LSR MIB; RFC 3814 MPLS FTN MIB; RFC 3815 MPLS LDP MIB; RFC 3826 AES for SNMP's USM MIB; RFC 4133 Entity MIB (Version 3); LLDP-EXT-DOT1-MIB; LLDP-EXT-DOT3-MIB; LLDP-MIB

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP 7500 Switch Series is comprised of modular multilayer chassis switches. These switches meet the evolving needs of integrated services networks and can be deployed in multiple network environments, including the enterprise LAN core, aggregation layer, and wiring closet edge. They offer 40GbE connectivity and cost-effective wire-speed 10 Gigabit Ethernet ports to safeguard the



HP 7500 Switch Series

Standard features

- Quality of Service (QoS)**
 IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic
- Intrusion detection/prevention system (IDS/IPS)**
 Deep packet inspection: module supports deep packet inspection and examines the packet payload as well as the frame and packet headers; packets are dropped if attacks or intrusions are detected using signature-based or protocol anomaly-based detection
- Firewall**
 Stateful firewall: enforces firewall policies to control traffic and filter access to network services; maintains session information for every connection passing through it, enabling the firewall to control packets based on existing sessions
- Virtual private network (VPN)**
 IPsec: provides secure tunneling over an untrusted network such as the Internet or a wireless network; offers data confidentiality, authenticity, and integrity between two network endpoints
- Management**
 Management interface control: provides management access through a modem port and terminal interface, as well as in-band and out-of-band Ethernet ports; provides access through terminal interface, telnet, or secure shell (SSH)
- Routing table size: 256000 entries
- Security features: "IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1492 TACACS+; RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2408 Internet Security Association and Key Management Protocol (ISAKMP) ; RFC 2409 The Internet Key Exchange (IKE); RFC 2716 PPP EAP-TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Port Security; SSHv1/SSHv2 Secure Shell"

Standard Models	Part number	wc	lp
HP 7503 Switch Chassis Configured to Order	JD240BC	4U	N/A
HP 7503 Switch Chassis	JD240B	4U	\$3,884.00
HP 7506 Vertical Switch Chassis	JD241B	4U	\$7,781.00
HP 7503 Switch Chassis with 1 Fabric Slot Configured to Order	JD243BC	4U	N/A
HP 7510 Switch Chassis Configured to Order	JD238BC	4U	N/A
HP 7502 Switch Chassis	JD242B	4U	\$957.00
HP 7503 Switch Chassis with 1 Fabric Slot	JD243B	4U	\$957.00
HP 7510 Switch Chassis	JD238B	4U	\$8,760.00
HP 7502 Switch Chassis Configured to Order	JD242BC	4U	N/A
HP 7506 Vertical Switch Chassis Configured to Order	JD241BC	4U	N/A
HP 7506 Switch Chassis	JD239B	4U	\$6,812.00
HP 7503 Switch with 48-port Gig-T PoE+ Module and 384Gbps MPU with 2 XFP ports	JG507A	4U	\$18,201.00
HP 7506 Switch with 2 48-port Gig-T PoE+ Modules and 384Gbps MPU with 2 XFP ports	JG508A	4U	\$23,179.00
HP 7510 Switch with 2 48-port Gig-T PoE+ Modules and 768Gbps MPU	JG509A	4U	\$26,021.00
HP 7506 Switch Chassis Configured to Order	JD239BC	4U	N/A

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X115 100M SFP LC BX 10-D Transceiver	JD101A	\$435.00
Трансивер X115 100M SFP LC BX 10-U	JD100A	\$435.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks 7502/03 Switch Software Support	HR522E	\$384.00
HP 1 year Networks 7505/06 Switch Software Support	HR517E	\$569.00
HP ProCurve Switch Install level 2	UX032E	\$750.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 7500 Switch Series is comprised of modular multilayer chassis switches. These switches meet the evolving needs of integrated services networks and can be deployed in multiple network environments, including the enterprise LAN core, aggregation layer, and wiring closet edge. They offer 40GbE connectivity and cost-effective wire-speed 10 Gigabit Ethernet ports to safeguard the



HP 7500 Switch Series

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2154 OSPF w/ Digital Signatures (Password, MD-5); RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3137 OSPF Stub Router Advertisement; RFC 3623 Graceful OSPF Restart; RFC 3630 Traffic Engineering Extensions to OSPFv2; RFC 4061 Benchmarking Basic OSPF Single Router Control Plane Convergence; RFC 4062 OSPF Benchmarking Terminology and Concepts; RFC 4063 Considerations When Using Basic OSPF Convergence Benchmarks; RFC 4222 Prioritized Treatment of Specific OSPF Version 2 Packets and Congestion Avoidance; RFC 4577 OSPF as the Provider/Customer Edge Protocol for BGP/MPLS IP Virtual Private Networks (VPNs); RFC 4811 OSPF Out-of-Band LSDB Resynchronization; RFC 4812 OSPF Restart Signaling; RFC 4813 OSPF Link-Local Signaling; RFC 4940 IANA Considerations for OSPF
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2407 - Domain of interpretation; RFC 2547 BGP/MPLS VPNs ; RFC 2917 A Core MPLS IP VPN Architecture; RFC 3947 - Negotiation of NAT-Traversal in the IKE; RFC 4302 - IP Authentication Header (AH); RFC 4303 - IP Encapsulating Security Payload (ESP)
- QoS/Cos: IEEE 802.1P (CoS); RFC 1349 Type of Service in the Internet Protocol Suite; RFC 2211 Specification of the Controlled-Load Network Element Service; RFC 2212 Guaranteed Quality of Service; RFC 2474 DSCP DiffServ; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF)

The HP 7500 Switch Series is comprised of modular multilayer chassis switches. These switches meet the evolving needs of integrated services networks and can be deployed in multiple network environments, including the enterprise LAN core, aggregation layer, and wiring closet edge. They offer 40GbE connectivity and cost-effective wire-speed 10 Gigabit Ethernet ports to safeguard the



HP 7500 Switch Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3af Power over Ethernet; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3at; IEEE 802.3ba 40 and 100 Gigabit Ethernet Architecture; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 894 IP over Ethernet; RFC 903 RARP; RFC 906 TFTP Bootstrap; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP); RFC 1027 Proxy ARP; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1305 NTPv3; RFC 1350 TFTP Protocol (revision 2); RFC 1393 Traceroute Using an IP Option; RFC 1519 CIDR; RFC 1531 Dynamic Host Configuration Protocol; RFC 1533 DHCP Options and BOOTP Vendor Extensions; RFC 1591 DNS (client only) ; RFC 1624 Incremental Internet Checksum; RFC 1701 Generic Routing Encapsulation; RFC 1721 RIP-2 Analysis; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2082 RIP-2 MD5 Authentication; RFC 2091 Trigger RIP; RFC 2131 DHCP; RFC 2138 Remote Authentication Dial In User Service (RADIUS); RFC 2236 IGMP Snooping; RFC 2338 VRRP; RFC 2453 RIPv2; RFC 2644 Directed Broadcast Control; RFC 2763 Dynamic Name-to-System ID mapping support; RFC 2784 Generic Routing Encapsulation (GRE); RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2966 Domain-wide Prefix Distribution with Two-Level IS-IS; RFC 2973 IS-IS Mesh Groups; RFC 3022 Traditional IP Network Address Translator (Traditional NAT); RFC 3277 IS-IS Transient Blackhole Avoidance; RFC 3567 Intermediate System to Intermediate System (IS-IS) Cryptographic Authentication; RFC 3719 Recommendations for Interoperable Networks using Intermediate System to (this is a partial list; see the data sheet pdf for a complete list)

The HP 7500 Switch Series is comprised of modular multilayer chassis switches. These switches meet the evolving needs of integrated services networks and can be deployed in multiple network environments, including the enterprise LAN core, aggregation layer, and wiring closet edge. They offer 40GbE connectivity and cost-effective wire-speed 10 Gigabit Ethernet ports to safeguard the



HP 7500 Switch Series

- IPv6: RFC 1886 DNS Extension for IPv6; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2081 RIPng Protocol Applicability Statement; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2526 Reserved IPv6 Subnet Anycast Addresses; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2767 Dual stacks IPv4 & IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3484 Default Address Selection for IPv6 ; RFC 3513 IPv6 Addressing Architecture; RFC 3736 Stateless Dynamic Host Configuration Protocol (DHCP) Service for IPv6; RFC 3810 MLDv2 for IPv6; RFC 4214 Intra-Site Automatic Tunnel Addressing Protocol (ISATAP); RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration
- BGP: RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2796 BGP Route Reflection; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability; RFC 3065 Autonomous System Confederations for BGP; RFC 3392 Capabilities Advertisement with BGP-4; RFC 4271 A Border Gateway Protocol 4 (BGP-4); RFC 4272 BGP Security Vulnerabilities Analysis; RFC 4273 Definitions of Managed Objects for BGP-4; RFC 4274 BGP-4 Protocol Analysis; RFC 4275 BGP-4 MIB Implementation Survey; RFC 4276 BGP-4 Implementation Report; RFC 4277 Experience with the BGP-4 Protocol; RFC 4360 BGP Extended Communities Attribute; RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP); RFC 5291 Outbound Route Filtering Capability for BGP-4; RFC 5292 Address-Prefix-Based Outbound Route Filter for BGP-4
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1448 Protocol Operations for version 2 of the Simple Network Management Protocol (SNMPv2) ; RFC 2211 Controlled-Load Network; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3176 sFlow; RFC 3411 SNMP Management Frameworks; RFC 3412 SNMPv3 Message Processing; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED)

The HP 7500 Switch Series is comprised of modular multilayer chassis switches. These switches meet the evolving needs of integrated services networks and can be deployed in multiple network environments, including the enterprise LAN core, aggregation layer, and wiring closet edge. They offer 40GbE connectivity and cost-effective wire-speed 10 Gigabit Ethernet ports to safeguard the



HP 7500 Switch Series

- IP Multicast: RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode; RFC 3376 IGMPv3; RFC 3446 Anycast Rendezvous Point (RP) mechanism using Protocol Independent Multicast (PIM) and Multicast Source Discovery Protocol (MSDP); RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 PIM Dense Mode; RFC 4541 Considerations for Internet Group Management Protocol (IGMP) and Multicast Listener Discovery (MLD) Snooping Switches; RFC 4601 PIM Sparse Mode; RFC 4604 Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast; RFC 4605 IGMP/MLD Proxying; RFC 4607 Source-Specific Multicast for IP; RFC 4610 Anycast-RP Using Protocol Independent Multicast (PIM); RFC 5059 Bootstrap Router (BSR) Mechanism for Protocol Independent Multicast (PIM)

Warranty

- **4U**
 - Warranty period - 1 Year
 - Service location - HP/Dealer
 - Service level - Exchange
 - Installation included - No
 - Applicable note(s) - 7

The HP 9500 Switch Series is a family of modular switches that form a next-generation data center/large campus core switching platform. With unprecedented levels of networking performance, industry-leading availability, and flexible and efficient deployment options, these switches enable new services while driving down the cost of network operations. The 9500 series



HP 9500 Switch Series

Standard features

- Quality of Service (QoS)**

IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic

- Firewall**

Stateful firewall: enforces firewall policies to control traffic and filter access to network services; maintains session information for every connection passing through it, enabling the firewall to control packets based on existing sessions

- Virtual private network (VPN)**

IPSec: provides secure tunneling over an untrusted network such as the Internet or a wireless network; offers data confidentiality, authenticity, and integrity between two endpoints of the network

- Management**

Management interface control: provides management access through a modem port and terminal interface, as well as in-band and out-of-band Ethernet ports; provides access through terminal interface, telnet, or Secure Shell (SSH)

- Connectivity**

High-density port connectivity: provides up to 12 interface module slots, up to 192 10-GbE ports, or 576 GbE ports (fiber or copper) per system

- Routing table size: 256000 entries

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1492 An Access Control Protocol, Sometimes Called TACACS; RFC 1492 TACACS+; RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2408 Internet Security Association and Key Management Protocol (ISAKMP) ; RFC 2409 The Internet Key Exchange (IKE); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Secure Sockets Layer (SSL); SSHv1/SSHv2 Secure Shell

Standard Models	Part number	wc	lp
HP 9505 Switch Chassis	JC124B	4U	\$4,864.00

Key options	Part number	lp
HP X114 100M SFP LC FX Transceiver	JF833A	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 100M/1G SFP LC LX	JF832A	\$902.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP ProCurve Switch Install level 3	UX033E	\$1,000.00
HP 1 year Networks 9505/08 Switch Software Support	HR507E	\$1,210.00
HP 1 year Post Warranty Next business day Exchange Networks HP 9508 Switch products Service	U4F36PE	\$2,799.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 9500 Switch Series is a family of modular switches that form a next-generation data center/large campus core switching platform. With unprecedented levels of networking performance, industry-leading availability, and flexible and efficient deployment options, these switches enable new services while driving down the cost of network operations. The 9500 series



HP 9500 Switch Series

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3137 OSPF Stub Router Advertisement; RFC 3623 Graceful OSPF Restart; RFC 3630 Traffic Engineering Extensions to OSPF Version 2; RFC 4061 Benchmarking Basic OSPF Single Router Control Plane Convergence; RFC 4062 OSPF Benchmarking Terminology and Concepts; RFC 4063 Considerations When Using Basic OSPF Convergence Benchmarks; RFC 4222 Prioritized Treatment of Specific OSPF Version 2 Packets and Congestion Avoidance; RFC 4577 OSPF as the Provider/Customer Edge Protocol for BGP/MPLS IP Virtual Private Networks (VPNs); RFC 4811 OSPF Out-of-Band LSDB Resynchronization; RFC 4812 OSPF Restart Signaling; RFC 4813 OSPF Link-Local Signaling; RFC 4940 IANA Considerations for OSPF
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2407 - Domain of interpretation; RFC 2547 BGP/MPLS VPNs
- QoS/Cos: IEEE 802.1P (CoS); RFC 1349 Type of Service in the Internet Protocol Suite; RFC 2211 Specification of the Controlled-Load Network Element Service; RFC 2212 Guaranteed Quality of Service; RFC 2474 DSCP DiffServ; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); RFC 2697 A Single Rate Three Color Marker; RFC 2698 A Two Rate Three Color Marker
- Memory and processor: Fabric : PowerPC @ 1000 MHz, 128 MB flash, 1 GB RAM, 256 MB compact flash; I/O module : PowerPC @ 667 MHz, 512 MB RAM

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HP 9500 Switch Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 894 IP over Ethernet; RFC 903 RARP; RFC 906 TFTP Bootstrap; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP); RFC 1027 Proxy ARP; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1305 NTPv3; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1531 Dynamic Host Configuration Protocol; RFC 1533 DHCP Options and BOOTP Vendor Extensions; RFC 1541 DHCP; RFC 1591 DNS (client only) ; RFC 1631 NAT; RFC 1701 Generic Routing Encapsulation; RFC 1721 RIP-2 Analysis; RFC 1723 RIP v2; RFC 1812 IPv4 Routing; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2138 Remote Authentication Dial In User Service (RADIUS); RFC 2338 VRRP; RFC 2453 RIPv2; RFC 2644 Directed Broadcast Control; RFC 2763 Dynamic Name-to-System ID mapping support; RFC 2784 Generic Routing Encapsulation (GRE); RFC 2865 Remote Authentication Dial In User Service (RADIUS); RFC 2966 Domain-wide Prefix Distribution with Two-Level IS-IS; RFC 2973 IS-IS Mesh Groups; RFC 3022 Traditional IP Network Address Translator (Traditional NAT); RFC 3277 IS-IS Transient Blackhole Avoidance; RFC 3567 Intermediate System to Intermediate System (IS-IS) Cryptographic Authentication; RFC 3619 Ethernet Automatic Protection Switching (EAPS); RFC 3719 Recommendations for Interoperable Networks using Intermediate System to Intermediate System (IS-IS); RFC 3784 ISIS TE support; RFC 3786 Extending the Number of IS-IS LSP Fragments Beyond the 256 Limit; RFC 3787 Recommendations for Interoperable IP Networks using Intermediate System to Intermediate System (IS-IS); RFC 3847 Restart (this is a partial list; see the data sheet pdf for a complete list)

The HP 9500 Switch Series is a family of modular switches that form a next-generation data center/large campus core switching platform. With unprecedented levels of networking performance, industry-leading availability, and flexible and efficient deployment options, these switches enable new services while driving down the cost of network operations. The 9500 series



HP 9500 Switch Series

- IPv6: RFC 1886 DNS Extension for IPv6; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2081 RIPng Protocol Applicability Statement; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2526 Reserved IPv6 Subnet Anycast Addresses; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2767 Dual stacks IPv4 & IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3484 Default Address Selection for IPv6 ; RFC 3513 IPv6 Addressing Architecture; RFC 3587 IPv6 Global Unicast Address Format; RFC 3736 Stateless Dynamic Host Configuration Protocol (DHCP) Service for IPv6; RFC 3810 MLDv2 for IPv6; RFC 4007 IPv6 Scoped Address Architecture; RFC 4214 Intra-Site Automatic Tunnel Addressing Protocol (ISATAP); RFC 4291 IP Version 6 Addressing Architecture ; RFC 4293 MIB for IP; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 4940 IANA Considerations for OSPF; RFC 5178 OSPFv3 Graceful Restart
- BGP: RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2547 BGP/MPLS VPNs; RFC 2796 BGP Route Reflection; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability; RFC 3065 Autonomous System Confederations for BGP; RFC 3107 Support BGP carry Label for MPLS; RFC 3392 Capabilities Advertisement with BGP-4; RFC 4271 A Border Gateway Protocol 4 (BGP-4); RFC 4272 BGP Security Vulnerabilities Analysis; RFC 4273 Definitions of Managed Objects for BGP-4; RFC 4274 BGP-4 Protocol Analysis; RFC 4275 BGP-4 MIB Implementation Survey; RFC 4276 BGP-4 Implementation Report; RFC 4277 Experience with the BGP-4 Protocol; RFC 4360 BGP Extended Communities Attribute; RFC 4456 BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP); RFC 4724 Graceful Restart Mechanism for BGP; RFC 4760 Multiprotocol Extensions for BGP-4
- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1448 Protocol Operations for version 2 of the Simple Network Management Protocol (SNMPv2) ; RFC 2211 Controlled-Load Network; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3164 BSD syslog Protocol; RFC 3176 sFlow; RFC 3411 SNMP Management Frameworks; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model VACM)

The HP 9500 Switch Series is a family of modular switches that form a next-generation data center/large campus core switching platform. With unprecedented levels of networking performance, industry-leading availability, and flexible and efficient deployment options, these switches enable new services while driving down the cost of network operations. The 9500 series



HP 9500 Switch Series

The ProCurve 4200vl Switch series consists of modular chassis that provide a flexible, cost-effective LAN solution as an alternative to stackables. These switches offer a proven chassis form factor with high quality and reliability



Серия коммутаторов ProCurve 4200vl

Warranty

- 9R

Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
Корпус коммутатора HP E4204 vl	J8770A	9R	\$1,546.00
Корпус коммутатора HP E4208 vl	J8773A	9R	\$2,269.00
Коммутатор HP E4204-44G-4SFP vl	J9064A	9R	\$2,968.00
Коммутатор HP E4202-72 vl	J8772B	9R	\$3,816.00
Коммутатор HP E4208-68G-4SFP vl	J9030A	9R	\$4,602.00
Коммутатор HP E4208-96 vl	J8775B	9R	\$4,951.00

Key options	Part number	lp
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00
Трансивер HP X131 10-GbE X2 CX4	J8440C	\$1,099.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 4202vl Switch Software Support	HR877E	\$6.00
HP 1 year 24x7 Chassis4 Switch Software Support	HR882E	\$12.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP ProCurve Switch 5400zl Series consists of the most advanced intelligent edge switches in the HP ProCurve Networking product line. The 5400zl series includes 6-slot and 12-slot chassis and associated zl modules and bundles.



Серия коммутаторов ProCurve 5400zl

- Средства связи: RFC 1591 DNS (client); HTML and telnet management; IEEE 802.1ad Q-in-Q (Premium License); IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; UDLD (Uni-directional Link Detection); RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058 RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 2548 (MS-RAS-Vendor only); RFC 3046 DHCP Relay Agent Information Option; RFC 3576 Ext to RADIUS (CoA only); RFC 3768 VRRP (Premium License); RFC 4675 RADIUS VLAN & Priority; RFC 3376 IGMPv3 (host joins only); RFC 3973 Draft 2 PIM Dense Mode (Premium License); RFC 4601 Draft 10 PIM Sparse Mode (Premium License); RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2925 Remote Operations MIB (Ping only); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 1850 OSPFv2 MIB; RFC 2021 RMONv2 MIB; RFC 2096 IP Forwarding Table MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2787 VRRP MIB; RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB; RFC 2328 OSPFv2 (Premium License); RFC 3101 OSPF NSSA; RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (client only); RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv1/SSHv2 Secure Shell
- Функции управления: Products: HP ProCurve Manager (included); HP ProCurve Manager Plus; Access Methods: command-line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)

Standard Models	Part number	wc	lp
Корпус коммутатора HP E5406 zl	J8697A	NA	N/A
Корпус коммутатора HP E5412 zl	J8698A	NA	N/A
HP 5406 zl Switch with Premium Software	J9642A	9R	\$2,897.00
HP 5412 zl Switch with Premium Software	J9643A	9R	\$5,531.00
HP 5406-44G-PoE+-4G-SFP v2 zl Switch with Premium Software	J9539A	9R	\$8,719.00
HP 5406-44G-PoE+-2XG v2 zl Switch with Premium Software	J9533A	9R	\$9,689.00
HP 5412-92G-PoE+-4G v2 zl Switch with Premium Software	J9540A	9R	\$17,312.00
HP 5412-92G-PoE+-2XG v2 zl Switch with Premium Software	J9532A	9R	\$18,698.00

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 5406zl Switch Software Support	HR992E	\$12.00
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF786E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

The HP ProCurve Switch 5400zl Series consists of the most advanced intelligent edge switches in the HP ProCurve Networking product line. The 5400zl series includes 6-slot and 12-slot chassis and associated zl modules and bundles.



Серия коммутаторов ProCurve 5400zl

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

The HP ProCurve 8200zl Switch Series is a high performance, full-featured, highly available modular switch that offers reduced complexity as part of a Unified Wired and Wireless Network infrastructure solution.



Серия коммутаторов с маршрутизацией ProCurve 8200zl

- Средства связи: RFC 1591 DNS (client); HTML and telnet management; IEEE 802.1ad Q-in-Q; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3af Power over Ethernet; IEEE 802.3x Flow Control; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 792 ICMP; RFC 793 TCP; UDLD (Uni-directional Link Detection); RFC 826 ARP; RFC 854 TELNET; RFC 868 Time Protocol; RFC 951 BOOTP; RFC 1058; RIPv1; RFC 1350 TFTP Protocol (revision 2); RFC 1519 CIDR; RFC 1542 BOOTP Extensions; RFC 2030 Simple Network Time Protocol (SNTP) v4; RFC 2131 DHCP; RFC 2453 RIPv2; RFC 2548 (MS-RAS-Vendor only); RFC 3046 DHCP Relay Agent Information Option; RFC 3576 Ext to RADIUS (CoA only); RFC 3768 VRRP; RFC 4675 RADIUS VLAN & Priority; RFC 3376 IGMPv3 (host joins only); RFC 3973 Draft 2 PIM Dense Mode; RFC 4601 Draft 10 PIM Sparse Mode; RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2925 Remote Operations MIB (Ping only); RFC 3019 MLDv1 MIB; RFC 3315 DHCPv6 (client only); RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 1213 MIB II; RFC 1493 Bridge MIB; RFC 1724 RIPv2 MIB; RFC 1850 OSPFv2 MIB; RFC 2021 RMONv2 MIB; RFC 2096 IP Forwarding Table MIB; RFC 2613 SMON MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB; RFC 2665 Ethernet-Like-MIB; RFC 2668 802.3 MAU MIB; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2737 Entity MIB (Version 2); RFC 2787 VRRP MIB; RFC 2863 The Interfaces Group MIB; RFC 2925 Ping MIB; RFC 2328 OSPFv2; RFC 3101 OSPF NSSA; RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); IEEE 802.1X Port Based Network Access Control; RFC 1492 TACACS+; RFC 2865 RADIUS (client only); RFC 2866 RADIUS Accounting; Secure Sockets Layer (SSL); SSHv2 Secure Shell
- Функции управления: Products: HP ProCurve Manager (included); HP ProCurve Manager Plus; Access Methods: command-line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)

Standard Models	Part number	wc	lp
HP 8212 zl Switch with Premium Software Configured to Order	J9641AC	9R	N/A
Базовый вариант коммутатора HP E8206 zl	J9475A	NA	N/A
HP 8206 zl Switch with Premium Software	J9640A	9R	\$9,412.00
HP 8206 zl Switch with Premium Software Configured to Order	J9640AC	9R	N/A
HP 8206-44G-PoE+-2XG v2 zl Switch with Premium Software	J9638A	9R	\$13,154.00
HP 8212 zl Switch with Premium Software	J9641A	9R	\$14,817.00
HP 8212-92G-PoE+-2XG v2 zl Switch with Premium Software	J9639A	9R	\$24,936.00
HP 8212-92G-PoE+-2XG v2 zl Switch with Premium Software Configured to Order	J9639AC	9R	N/A
HP 8206-44G-PoE+-2XG v2 zl Switch with Premium Software Configured to Order	J9638AC	9R	N/A

Key options	Part number	lp
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 3 year 24x7 ProCurve 8206zl SW Support	UT015E	\$137.00
HP 4 year 24x7 ProCurve 8206zl SW Support	UT019E	\$179.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

The HP ProCurve 8200zl Switch Series is a high performance, full-featured, highly available modular switch that offers reduced complexity as part of a Unified Wired and Wireless Network infrastructure solution.



Серия коммутаторов с маршрутизацией ProCurve 8200zl

- 9R
 - Warranty period - Lifetime
 - Service location - HP/Dealer
 - Service level - Exchange
 - Response time - Next Day
 - Installation included - No
 - Applicable note(s) - 7

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
Cable Management									
HP 12500 Side Cable Management Guide	JC084A	\$99.00		•					
Cable Options									
HP 12508 Top and Bottom Cable Guides for DC Powered Switch	JC787A	\$384.00		•					
HP 12508 Top and Bottom Cable Guide for AC Powered Switch	JC785A	\$398.00		•					
HP 12518 Top and Bottom Cable Guides for DC Powered Switch	JC788A	\$424.00		•					
HP 12518 Top and Bottom Cable Guide for AC Powered Switch	JC786A	\$440.00		•					
Direct Attach Cables									
Кабель прямого подключения HP X242 SFP+ SFP+ 1 м	J9281B	\$181.00						•	•
HP X240 10G SFP+ to SFP+ 0.65m Direct Attach Copper Cable	JD095C	\$195.00	•		•				
HP X240 10G SFP+ to SFP+ 1.2m Direct Attach Copper Cable	JD096C	\$209.00	•		•				
Кабель прямого подключения HP X242 SFP+ SFP+ 3 м	J9283B	\$273.00						•	•
HP X240 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	JD097C	\$287.00	•	•	•	•			
HP X240 10G SFP+ to SFP+ 5m Direct Attach Copper Cable	JG081C	\$321.00	•	•	•	•			
Кабель прямого подключения HP X242 SFP+ SFP+ 7 м	J9285B	\$360.00						•	•
HP X240 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JG326A	\$433.00	•		•				

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP X242 10G SFP+ to SFP+ 10m Direct Attach Copper Cable	J9286B	\$463.00						•	•
HP X240 10G SFP+ SFP+ 7m Direct Attach Copper Cable	JC784C	\$523.00	•	•					
HP X240 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JG327A	\$561.00	•		•				
HP X242 10G SFP+ to SFP+ 15m Direct Attach Copper Cable	J9287B	\$563.00						•	•
HP X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	JG329A	\$612.00	•		•				
HP X240 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JG328A	\$689.00	•		•				
HP X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	JG330A	\$753.00	•		•				
HP X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A	\$881.00	•		•				
HP X244 10G XFP to SFP+ 1m Direct Attach Copper Cable	J9300A	\$929.00						•	•
HP 10G X244 XFP to SFP+ 3m Direct Attach Copper Cable	J9301A	\$998.00						•	•
HP 10G X244 XFP to SFP+ 5m Direct Attach Copper Cable	J9302A	\$1,066.00						•	•
HP X140 40G QSFP+ MPO SR4 Transceiver	JG325A	\$3,725.00	•		•				
HP X140 40G CFP LC LR4 10km SM Transceiver	JC857A	\$14,391.00	•						
Fiber Cables									
Сетевой кабель HP 0,5 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ833A	\$75.00			•	•	•	•	•
Сетевой кабель HP 1 метр, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ834A	\$80.00			•	•	•	•	•
Сетевой кабель HP 2 метра, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ835A	\$90.00			•	•	•	•	•
Сетевой кабель HP 5 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ836A	\$105.00			•	•	•	•	•
Сетевой кабель HP 15 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ837A	\$125.00			•	•	•	•	•
Сетевой кабель HP 30 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ838A	\$180.00			•	•	•	•	•
Сетевой кабель HP 50 метров, мультирежимный OM3 50/125um LC/LC 8 Гб FC, 10GbE, лазерная обработка, 1 уп-ка	AJ839A	\$255.00			•	•	•	•	•
Networking Fans/Fan Options									
Запасной воздушный фильтр HP A12508	JC082A	\$261.00		•					
Запасной воздушный фильтр HP A12518	JC083A	\$299.00		•					
HP 7502 Spare Fan Assembly	JD213A	\$308.00			•				
HP 7503-S Spare Fan Assembly	JC672A	\$311.00			•				

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
Отсек вентилятора для коммутатора HP E8206 zl	J9476A	\$423.00							•
HP 7503 Spare Fan Assembly	JD212A	\$467.00			•				
HP 7506 Spare Fan Assembly	JD214A	\$627.00			•				
HP 7506-V Spare Fan Assembly	JD215A	\$680.00			•				
Отсек вентилятора для коммутатора HP E8212 zl	J9094A	\$747.00							•
HP 7510 Spare Fan Assembly	JD216A	\$797.00			•				
HP 10508 Spare Fan Assembly	JC633A	\$1,064.00	•						
HP 10504 Spare Fan Assembly	JC632A	\$1,064.00	•						
HP 10512 Spare Bottom Fan Tray Assembly	JC773A	\$1,166.00	•						
HP 12504 Fan Assembly	JC664A	\$1,264.00		•					
HP 10512 Spare Top Fan Assembly	JC758A	\$1,376.00	•						
HP 10508-V Spare Fan Assembly	JC634A	\$1,377.00	•						
HP 12508 Fan Assembly	JC081A	\$2,086.00		•					
HP 12518 Fan Assembly	JC080A	\$4,174.00		•					
Networking Memory									
HP X600 256M Compact Flash Card	JC686A	\$136.00			•				
HP X600 512M Compact Flash Card	JC685A	\$178.00			•				
HP X610 1GB DDR2 SDRAM Memory	JC071A	\$211.00		•		•			
HP X600 1G Compact Flash Card	JC684A	\$331.00		•	•				
HP 2GB Registered DDR2 SDRAM Memory	JC609A	\$397.00		•					
HP 7500 24-port PoE DIMM	JC671A	\$943.00			•				
HP 7500 PoE DIMM Memory Module	JD192B	\$1,745.00			•				
Power Connections									
HP 10500 -48V 3m DC Power Supply Cable	JG390A	\$424.00	•						
HP X210 10-meter JG Connector to Bare 6AWG 37800 Watt 72V DC Power Cable	JG280A	\$517.00		•					
HP 10500 -48V 15m DC Power Supply Cable	JG391A	\$1,068.00	•						
Redundant Power Supplies									
HP RPS 800 Redundant Power Supply	JD183A	\$1,159.00			•				
Shelf Kits									
Полка блока питания HP zl	J8714A	N/A						•	•
Switch Management Modules									
Модуль поддержки системы HP E8200 zl	J9095A	\$585.00							•
Модуль управления HP E8200 zl	J9092A	\$7,259.00							•
Switch Modules									
1-портовый модуль HP 10GbE X2 vl	J8766A	\$1,259.00					•		
24-портовый модуль HP 10/100-TX vl	J8765B	\$1,284.00					•		
20-портовый модуль HP Gig-T / 4-портовый модуль SFP vl	J9033A	\$1,333.00					•		
24-портовый модуль HP Gig-T vl	J8768A	\$1,633.00					•		
HP 24-port 10/100 PoE+ zl Module	J9478A	\$2,665.00						•	•
HP 24-port 10/100 PoE+ v2 zl Module	J9547A	\$2,758.00						•	•
HP 24-port Gig-T v2 zl Module	J9550A	\$3,590.00						•	•
HP 20-port Gig-T / 4-port SFP v2 zl Module	J9549A	\$3,590.00						•	•

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 24-port Gig-T PoE+ v2 zl Module	J9534A	\$3,867.00						•	•
HP 24-port SFP v2 zl Module	J9537A	\$4,151.00						•	•
HP 12-port Gig-T PoE+ / 12-port SFP v2 zl Module	J9637A	\$4,157.00						•	•
Модуль HP E8200 zl	J9093A	\$4,190.00							•
HP 10504 400Gbps Type A Fabric Module	JC615A	\$4,262.00	•						
HP 20-port Gig-T / 2-port 10GbE SFP+ v2 zl Module	J9548A	\$4,283.00						•	•
HP 7500 2-port 10GbE XFP Module	JD201A	\$4,326.00			•				
HP 7500 16-port GbE SFP / 8-port GbE Combo SA Module	JC667A	\$4,326.00			•				
Модуль HP A7502 Fabric	JD196A	\$4,374.00			•				
HP 20-port Gig-T PoE+ / 2-port 10GbE SFP+ v2 zl Module	J9536A	\$4,573.00						•	•
20-портовый модуль HP 10/100/1000 PoE+ / 4-портовый модуль MiniGBIC zl	J9308A	\$4,615.00						•	•
HP 4-port 10GbE SFP+ zl Module	J9309A	\$4,615.00						•	•
24-портовый модуль HP 10/100/1000 PoE+ zl	J9307A	\$4,615.00						•	•
HP 12508 Fabric Module	JC067B	\$4,711.00		•					
HP 7500 24-port Gig-T Module	JD204B	\$4,720.00			•				
HP 10504 880Gbps Type B Fabric Module	JC751A	\$4,788.00	•						
HP Advanced Services zl Module with Citrix XenServer Platform	J9747A	\$4,893.00						•	•
HP 8-port 10GbE SFP+ v2 zl Module	J9538A	\$5,392.00						•	•
HP 8-port 10GBASE-T v2 zl Module	J9546A	\$5,485.00						•	•
HP 7500 20-port Gig-T / 4-port GbE Combo PoE-upgradable SC Module	JC669A	\$5,507.00			•				
HP 7503-S 144Gbps Fabric/MPU with PoE Upgradable 20-port Gig-T/4-port GbE Combo	JC666A	\$5,520.00			•				
HP 7500 48-port 10/100BASE-T Module	JD198B	\$5,545.00			•				
HP Advanced Services zl Module with VmWare vSphere Platform	J9748A	\$5,764.00						•	•
24-портовый модуль HP Mini-GBIC zl	J8706A	\$5,824.00						•	•
HP 12518 Fabric Module	JC066A	\$6,338.00		•					
HP Advanced Services zl Module	J9483A	\$6,390.00						•	•
HP Services zl Module for Avaya Aura Session Border Controller powered by Acme Packet	J9486A	\$6,390.00						•	•
HP 7500 48-port Gig-T PoE-ready Module	JD199B	\$6,556.00			•				
HP Services zl Module	J9289A	\$6,610.00						•	•
HP 7500 48-port 100BASE-FX Module	JD197B	\$6,791.00			•				
HP 10508/10508-V 1.04Tbps Type B Fabric Module	JC753A	\$6,913.00	•						
HP 10508/10508-V 720Gbps Type A Fabric Module	JC616A	\$6,920.00	•						
HP Advanced Services zl Module with Microsoft Windows Server 2008 R2 Standard	J9666A	\$6,920.00						•	•
24-портовый модуль HP SFP A7500	JD203B	\$7,291.00			•				
HP 7500 12-port GbE SFP Module	JD207A	\$7,770.00			•				
HP 7503 Fabric Module with 24 GbE Ports	JD222A	\$7,781.00			•				
HP 1250x G2 Fabric Module	JC658A	\$8,083.00		•					

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 7500 48-port Gig-T Module	JD210A	\$8,261.00			•				
HP 7500 24-port GbE SFP Module with 8 Combo Ports	JD223A	\$8,760.00			•				
HP 7500 40-port Gig-T / 8-port SFP PoE-ready Module	JD228B	\$9,506.00			•				
HP 10500 Main Processing Unit	JC614A	\$9,577.00	•						
HP 10504 1.2Tbps Type D Fabric Module	JC752A	\$9,577.00	•						
HP 7500 384Gbps Fabric Module	JD194B	\$9,729.00			•				
HP 7500 24-port Gig-T / 2-port 10GbE XFP Module	JD206A	\$9,834.00			•				
HP 12500 Main Processing Unit	JC072B	\$9,925.00		•					
HP 12500 Main Processing Unit with Comware v7 Operating System	JG497A	\$9,925.00		•					
HP 7500 2-port 10GbE XFP Extended Module	JD236A	\$10,218.00			•				
HP 7500 48-port Gig-T PoE+ Extended Module	JD229B	\$10,621.00			•				
HP 10512 1.52Tbps Type B Fabric Module	JC749A	\$10,640.00	•						
HP 7500 12-port GbE SFP Advanced Module	JD202A	\$10,687.00			•				
HP 7500 24-port GbE SFP Extended Module	JD234A	\$10,708.00			•				
HP 7500 1-port 1/10GbE XFP Module	JD200A	\$11,666.00			•				
HP 12518 G2 Fabric Module	JC657A	\$11,712.00		•					
HP 7500 384Gbps Fabric Module with 12 SFP Ports	JD224A	\$12,645.00			•				
HP 7500 48-port GbE SFP Module	JD211B	\$12,645.00			•				
HP 10500 16-port GbE SFP/8-port GbE Combo SE Module	JC763A	\$12,765.00	•						
HP 7500 2-port 10GbE XFP Enhanced Module	JD233A	\$13,625.00			•				
HP 7500 24-port GbE SFP Enhanced Module	JD231A	\$13,625.00			•				
HP 10508/10508-V 2.32Tbps Type D Fabric Module	JC754A	\$13,841.00	•						
HP 10500/7500 NetStream Monitoring Module	JD254A	\$14,107.00	•		•				
HP 7500 4-port 10GbE XFP Extended Module	JD235A	\$14,593.00			•				
HP 7500 24-port GbE SFP / 2-port 10GbE XFP Module	JD205A	\$14,593.00			•				
HP 10500 48-port Gig-T SE Module	JC618A	\$15,433.00	•						
HP 7500 384Gbps Advanced Fabric Module	JD195A	\$15,552.00			•				
HP 7500 384Gbps Fabric Module with 2 XFP Ports	JD193B	\$15,573.00			•				

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200zl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 7500 768Gbps Fabric Module	JD220A	\$15,573.00			•				
HP 12500 48-port Gig-T LEB Module	JC074B	\$16,542.00		•					
HP 7500 8-port 10G SFP+ Module	JF290A	\$17,126.00			•				
HP 7500 24-port GbE SFP / 2-port 10GbE XFP Extended Module	JD230A	\$17,521.00			•				
HP 10500 16-port GbE SFP / 8-port GbE Combo / 2-port 10GbE XFP SE Module	JC617A	\$17,565.00	•						
HP 10500 4-port 10GbE XFP SE Module	JC620A	\$18,090.00	•						
HP 7500 48-port GbE SFP Extended Module	JD237A	\$18,490.00			•				
HP 7500 8-port 10GbE XFP Extended Module	JD191A	\$20,063.00			•				
HP 10500 48-port GbE SFP SE Module	JC619A	\$20,222.00	•						
HP 7500 4-port 10GbE XFP Enhanced Module	JD232A	\$20,438.00			•				
HP 10512 3.44Tbps Type D Fabric Module	JC750A	\$21,294.00	•						
HP 10500 48-port Gig-T EA Module	JC623A	\$22,354.00	•						
HP 10500 4-port 10GbE XFP EA Module	JC624A	\$22,354.00	•						
HP 7500 Load Balancing Module	JD252A	\$22,392.00	•		•				
HP 12500 48-port GbE SFP LEB Module	JC075B	\$23,159.00		•					
HP 7500 48-port GbE SFP Enhanced Module	JD221A	\$23,354.00			•				
HP Extended Services zl Module with Riverbed Steelhead RiOS Application	J9517A	\$24,882.00						•	•
HP 10500 16-port GbE SFP / 8-port GbE Combo / 2-port 10GbE XFP EA Module	JC621A	\$25,012.00	•						
HP 10500 4-port 10GbE XFP EB Module	JC627A	\$25,012.00	•						
HP 10500 4-port 40GbE QSFP SF Module	JC757A	\$26,608.00	•						
HP 10500 8-port 10GbE SFP+ SE Module	JC631A	\$26,618.00	•						
HP 10500 48-port GbE SFP EA Module	JC622A	\$26,618.00	•						
HP 12500 48-port Gig-T LEC Module	JC065B	\$27,571.00		•					
HP 12500 48-port GbE SFP LEC Module	JC069B	\$27,571.00		•					
HP 10500 16-port GbE SFP / 8-port GbE Combo / 2-port 10GbE XFP EB Module	JC626A	\$28,735.00	•						
HP 9500 16-port 10GbE SFP+ Module	JC108A	\$29,199.00				•			

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 10500/7500 Advanced VPN Firewall Module	JD249A	\$31,051.00	•		•				
HP 7500 4-port 40GbE QSFP+ SC Module	JC792A	\$31,928.00			•				
HP 10500 48-port GbE SFP EB Module	JC625A	\$31,933.00	•						
HP 10500 8-port 10GbE SFP+ EA Module	JC630A	\$31,933.00	•						
HP 12500 48-port GbE SFP LEF Module	JC660A	\$31,949.00		•					
HP 10500 16-port 10GbE SFP+ SC Module	JC628A	\$32,999.00	•						
HP 7500 4-port 40GbE CFP SC Module	JG373A	\$35,122.00			•				
HP 10500 4-port 40GbE CFP SF Module	JG396A	\$35,122.00	•						
HP 12500 VPN Firewall Module	JC635A	\$37,248.00		•					
HP 10500 8-port 10GbE SFP+ EB Module	JC629A	\$37,262.00	•						
HP 12500 8-port 10GbE SFP+ LEB Module	JC780A	\$37,267.00		•					
HP 12500 32-port 10GbE SFP+ REB Module	JC064B	\$38,614.00		•					
HP 12500 8-port 10GbE XFP LEB Module	JC073B	\$38,614.00		•					
HP 10500 32-port 10GbE SFP+ SF Module	JC755A	\$39,388.00	•						
HP 10500/7500 SSL VPN Module with 500-user License	JD253A	\$44,687.00	•		•				
HP 12500 8-port 10GbE SFP+ LEC Module	JC781A	\$46,867.00		•					
HP 10500 8-port 40GbE QSFP+ SF Module	JG392A	\$47,899.00	•						
HP 12500 8-port 10GbE XFP LEC Module	JC068B	\$48,540.00		•					
HP 10500 48-port 10GbE SFP+ SF Module	JC756A	\$48,966.00	•						
HP 12500 8-port 10GbE SFP+ LEF Module	JC659A	\$53,249.00		•					
HP 12500 32-port 10GbE SFP+ REC Module	JC476B	\$55,157.00		•					
HP 12500 16-port 10GbE SFP+ LEB Module	JC782A	\$59,645.00		•					
Модуль HP IPS S1200N	JC527A	\$60,500.00			•				
HP 12500 16-port 10GbE SFP+ LEC Module	JC783A	\$74,563.00		•					
HP 7500 384Gbps Lite Fabric Module	JF219B	N/A			•				
24-портовый модуль HP 10/100/1000 PoE zl	J8702A	N/A						•	•
12-портовый модуль HP 100FX MTRJ vl	J8763A	N/A					•		

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20-портовый модуль HP Gig-T / 4-портовый Mini-GBIC zl	J8705A	N/A						•	•
HP 7500 20-port Gig-T / 4-port GbE PoE-upgradable Combo SA Module	JC668A	\$3,933.00			•				
HP 20-port Gig-T PoE+ / 4-port SFP v2 zl Module	J9535A	\$4,006.00						•	•
Switch Rackmount/Rail Kits									
HP X421 Chassis Universal 4-post Rack Mounting Kit	JC665A	\$269.00	•	•					
Блоки питания для сетей									
Модуль питания HP A12518	JF426A	\$449.00		•					
HP 7502 300W AC Power Supply	JD226A	\$680.00			•				
Блок питания HP A7500 650 Вт переменного тока	JD217A	\$946.00			•				
HP 7502 300W DC Power Supply	JD225A	\$1,117.00			•				
Блок питания HP A7500 650 Вт постоянного тока	JD209A	\$1,457.00			•				
HP 12500 Spare Power Monitor Module	JC502A	\$2,086.00		•					
HP 12500 1800W DC Power Supply	JC651A	\$2,538.00		•					
HP 7500 2800W AC Power Supply	JD219A	\$2,753.00			•				
Резервный источник питания коммутатора ProCurve	J4839A	EOL					•		
HP 10500 2400W DC Power Supply	JC747A	\$3,193.00	•						
Блок питания HP 1500 Вт zl	J8713A	N/A						•	•
Блок питания HP 1500 Вт PoE+ zl	J9306A	\$1,164.00						•	•
HP 7500 1400W AC Power Supply	JD218A	\$1,664.00			•				
HP 12500 2000W AC Power Supply	JF429A	\$2,086.00		•					
HP 10500 2500W AC Power Supply	JC610A	\$2,130.00	•						
HP 7500 1400W DC Power Supply	JD208A	\$2,437.00			•				
HP 7500 6000W AC Power Supply	JD227A	\$5,572.00			•				
Лицензии HP ProCurve Networking									
Лицензия на дополнительные 40 точек доступа для HP E-MSM760/765	J9371A	\$3,638.00						•	
HP 8200 zl Switch Premium License	J9474A	\$4,090.00							•
HP 10500/7500 SSL VPN 1000-user License	JD257A	\$63,174.00	•		•				
HP 10500/7500 SSL VPN 5000-user License	JD258A	\$109,030.00	•		•				
Приемопередатчики									
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00						•	•
HP X114 100M SFP LC FX Transceiver	JF833A	\$281.00		•		•			
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00	•		•				
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00					•	•	•
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00	•	•	•	•			
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00	•		•				
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00					•	•	•
Трансивер X115 100M SFP LC BX 10-U	JD100A	\$435.00	•		•				
HP X115 100M SFP LC BX 10-D Transceiver	JD101A	\$435.00	•		•				
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00					•	•	•
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00					•	•	•

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HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00	•	•	•	•			
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00	•		•				
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00	•	•	•	•			
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00					•	•	•
Трансивер HP X120 100M/1G SFP LC LX	JF832A	\$902.00		•		•			
Трансивер HP X131 10-GbE X2 CX4	J8440C	\$1,099.00					•	•	•
Трансивер HP X122 1G SFP LC BX-U	J9143B	\$1,146.00					•	•	•
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00					•	•	•
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00	•	•	•	•			
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00	•	•	•	•			
Трансивер HP X110 100M SFP LC LH80	JD091A	\$1,476.00	•		•				
Трансивер HP X132 10G SFP+ LC LRM	J9152A	\$1,595.00						•	•
HP X132 10G SFP+ LC SR Transceiver	J9150A	\$1,733.00						•	•
Оптический приемопередатчик HP ProCurve 10-GbE X2-SC SR	J8436A	\$1,753.00					•	•	•
Трансивер HP X131 10G X2 SC LRM	J9144A	\$1,832.00					•	•	•
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00	•	•	•	•			
HP X130 10G SFP+ LC LRM Transceiver	JD093B	\$1,906.00	•	•	•	•			
HP X130 10G XFP LC SR Transceiver	JD117B	\$1,936.00	•	•	•	•			
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00	•	•	•	•			
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00	•	•	•	•			
HP X130 10G XFP LC LR Transceiver	JD108B	\$3,405.00	•	•	•	•			
Трансивер HP X132 10G SFP+ LC LR	J9151A	\$3,491.00						•	•
Оптический приемопередатчик HP ProCurve 10-GbE X2-SC LR	J8437A	\$3,736.00					•	•	•
Трансивер HP X121 1G SFP LC LH	J4860C	\$3,956.00					•	•	•
HP X130 10G SFP+ LC LR Transceiver	JD094B	\$4,172.00	•	•	•	•			
Трансивер HP X120 1G SFP LC LH100	JD103A	\$4,768.00	•	•	•	•			
Трансивер HP X170 1G SFP LC LH70 1510	JD115A	\$4,864.00	•	•	•	•			
Трансивер HP X170 1G SFP LC LH70 1490	JD114A	\$4,864.00	•	•	•	•			
Трансивер HP X170 1G SFP LC LH70 1530	JD116A	\$4,864.00	•	•	•	•			
HP X170 1G SFP LC LH70 1470 Transceiver	JD113A	\$4,864.00	•	•	•	•			
Трансивер HP X170 1G SFP LC LH70 1590	JD111A	\$4,864.00	•	•	•	•			
Трансивер HP X170 1G SFP LC LH70 1610	JD112A	\$4,864.00	•	•	•	•			
Трансивер HP X170 1G SFP LC LH70 1570	JD110A	\$4,864.00	•	•	•	•			
Трансивер HP X170 1G SFP LC LH70 1550	JD109A	\$4,864.00	•	•	•	•			
HP X132 10G SFP+ LC ER Transceiver	J9153A	\$8,920.00						•	•
HP X130 10G SFP+ LC ER 40km Transceiver	JG234A	\$10,430.00	•	•	•				
HP 10GbE X2-SC ER Optic	J8438A	\$11,063.00					•	•	•
HP X135 10G XFP LC ER Transceiver	JD121A	\$11,605.00	•	•	•	•			
HP X130 10G XFP LC ZR Transceiver	JD107A	\$18,500.00	•	•	•	•			

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HP X180 10G XFP LC LH 80km 1539.77nm DWDM Transceiver	JG227A	\$19,373.00	•	•	•				
HP X180 10G XFP LC LH 80km 1542.94nm DWDM Transceiver	JG230A	\$19,373.00	•	•	•				
HP X180 10G XFP LC LH 80km 1559.79nm DWDM Transceiver	JG232A	\$19,373.00	•	•	•				
HP X180 10G XFP LC LH 80km 1560.61nm DWDM Transceiver	JG233A	\$19,373.00	•	•	•				
HP X180 10G XFP LC LH 80km 1542.14nm DWDM Transceiver	JG229A	\$19,373.00	•	•	•				
HP X180 10G XFP LC LH 80km 1538.98nm DWDM Transceiver	JG226A	\$19,373.00	•	•	•				
HP X180 10G XFP LC LH 80km 1558.98nm DWDM Transceiver	JG231A	\$19,373.00	•	•	•				
HP X180 10G XFP LC LH 80km 1540.56nm DWDM Transceiver	JG228A	\$19,373.00	•	•	•				
Hardware Software Combo Support Services									
HP 1 year Next business day Exchange Plus 4202vl Support	HS586E	\$97.00					•		
HP 1 year 4-Hour Exchange Plus 4202vl Support	HS587E	\$155.00					•		
HP 1 year Next business day Exchange Plus 4204vl Support	HS594E	\$177.00					•		
HP 1 year Support Plus24 4202vl Switch Service	HR876E	\$196.00					•		
HP 1 year Next business day Exchange Plus 5406zl chassis Support	HS578E	\$269.00						•	
HP 1 year 4-Hour Exchange Plus 4204vl Support	HS595E	\$281.00					•		
HP 3 year Next business day Exchange Plus 4202vl Support	HS588E	\$283.00					•		
HP 1 year Next business day Exchange Plus 4208vl Support	HS602E	\$354.00					•		
HP 1 year Support Plus24 Chassis4 Switch Service	HR881E	\$355.00					•		
HP 4 year Next business day Exchange Plus 4202vl Support	HS590E	\$371.00					•		
HP 1 year 4-Hour Exchange Plus 5406zl chassis Support	HS579E	\$430.00						•	
HP 3 year 4-Hour Exchange Plus 4202vl Support	HS589E	\$452.00					•		
HP 5 year Next business day Exchange Plus 4202vl Support	HS592E	\$455.00					•		
HP 3 year Next business day Exchange Plus 4204vl Support	HS596E	\$515.00					•		
HP 1 year Next business day Exchange Plus 5412zl chassis Support	HS626E	\$540.00						•	
HP 1 year Support Plus24 5406zl Switch Service	HR991E	\$545.00						•	
HP 1 year 4-Hour Exchange Plus 4208vl Support	HS603E	\$562.00					•		
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	UE249E	\$571.00					•		
HP 3 year Next business day Proactive Care 4202vl Switch Service	U2K61E	\$587.00					•		
HP 4 year 4-Hour Exchange Plus 4202vl Support	HS591E	\$591.00					•		
HP 4 year Next business day Exchange Plus 4204vl Support	HS598E	\$674.00					•		

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HP 1 year Support Plus24 Chassis8 Switch Service	HR886E	\$709.00					•		
HP 5 year 4-Hour Exchange Plus 4202vl Support	HS593E	\$725.00					•		
HP 4 year Support Plus 24 ProCurve 4202vl Service	UR894E	\$747.00					•		
HP 4 year Next business day Proactive Care 4202vl Switch Service	U2K62E	\$768.00					•		
HP 3 year Next business day Exchange Plus 5406zl chassis Support	HS580E	\$782.00						•	
HP 1 year Next business day Exchange Plus 5406zl bundle Support	HS738E	\$791.00						•	
HP 3 year 4 hour 24x7 Proactive Care 4202vl SwitchService	U2K64E	\$799.00					•		
HP 3 year 4-Hour Exchange Plus 4204vl Support	HS597E	\$817.00					•		
HP 5 year Next business day Exchange Plus 4204vl Support	HS600E	\$826.00					•		
HP 1 year 4-Hour Exchange Plus 5412zl chassis Support	HS627E	\$858.00						•	
HP 5 year Support Plus 24 ProCurve 4202vl Service	UR898E	\$916.00					•		
HP 5 year Next business day Proactive Care 4202vl Switch Service	U2K63E	\$942.00					•		
HP 1 year Next business day Exchange Plus 8206zl bundle Support	HS762E	\$946.00							•
HP 4 year Next business day Exchange Plus 5406zl chassis Support	HS582E	\$1,024.00						•	
HP 3 year Next business day Exchange Plus 4208vl Support	HS604E	\$1,029.00					•		
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	UE243E	\$1,032.00					•		
HP 4 year 4 hour 24x7 Proactive Care 4202vl Switch Service	U2K65E	\$1,046.00					•		
HP 3 year Next business day Proactive Care 4204vl Switch Service	U2K70E	\$1,062.00					•		
HP 4 year 4-Hour Exchange Plus 4204vl Support	HS599E	\$1,070.00					•		
HP 1 year 4-Hour Exchange Plus 5406zl bundle Support	HS739E	\$1,074.00						•	
HP 1 year Support Plus24 5412zl Switch Service	HR986E	\$1,083.00						•	
HP 3 year 6 hour Call to Repair Proactive Care 4202vl SwitchService	U2K67E	\$1,155.00					•		
HP 1 year Next business day Exchange Plus 5412zl bundle Support	HS746E	\$1,185.00						•	
HP 3 year 4-Hour Exchange Plus 5406zl chassis Support	HS581E	\$1,252.00						•	
HP 5 year Next business day Exchange Plus 5406zl chassis Support	HS584E	\$1,255.00						•	
HP 1 year Next business day Exchange Plus HP 7503/02 Switch Support	U4D13E	\$1,273.00			•				
HP 5 year 4 hour 24x7 Proactive Care 4202vl Switch Service	U2K66E	\$1,282.00					•		
HP 1 year Next business day Exchange Plus 8212zl bundle Support	HS754E	\$1,295.00							•
HP 5 year 4-Hour Exchange Plus 4204vl Support	HS601E	\$1,312.00					•		

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HP 1 year 4-Hour Exchange Plus 8212zl bundle Support	HS763E	\$1,328.00							•
HP 4 year Next business day Exchange Plus 4208vl Support	HS606E	\$1,348.00					•		
HP 4 year Support Plus 24 ProCurve Chassis4 Service	UR878E	\$1,352.00					•		
HP 4 year Next business day Proactive Care 4204vl Switch Service	U2K71E	\$1,391.00					•		
HP 1 year Support Plus24 Networks 5406zl Switch Bundled Service	HR601E	\$1,416.00						•	
HP 3 year 4 hour 24x7 Proactive Care 4204vl Switch Service	U2K73E	\$1,444.00					•		
HP 4 year 4 hour 24x7 Proactive Care 4202vl Switch Service	U2K68E	\$1,512.00					•		
HP 3 year Next business day Exchange Plus 5412zl chassis Support	HS628E	\$1,571.00						•	
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	UE252E	\$1,587.00						•	
HP 3 year Next business day Proactive Care 5406zl chassis Switch Service	U2K52E	\$1,627.00						•	
HP 3 year 4-Hour Exchange Plus 4208vl Support	HS605E	\$1,635.00					•		
HP 4 year 4-Hour Exchange Plus 5406zl chassis Support	HS583E	\$1,640.00						•	
HP 5 year Next business day Exchange Plus 4208vl Support	HS608E	\$1,653.00					•		
HP 5 year Support Plus 24 ProCurve Chassis4 Service	UR882E	\$1,657.00					•		
HP 5 year Next business day Proactive Care 4204vl Switch Service	U2K72E	\$1,705.00					•		
HP 1 year 4-Hour Exchange Plus 5412zl bundle Support	HS747E	\$1,717.00						•	
HP 1 year Support Plus24 Networks 8206zl Switch Bundled Service	HR611E	\$1,740.00							•
HP 5 year 6 hour Call to Repair Proactive Care 4202vl Switch Service	U2K69E	\$1,854.00					•		
HP 4 year 4 hour 24x7 Proactive Care 4204vl Switch Service	U2K74E	\$1,891.00					•		
HP 1 year Next business day Exchange Plus HP 7506 Switch Support	U4D14E	\$1,895.00			•				
HP 1 year 4-Hour Exchange Plus 8212zl bundle Support	HS755E	\$1,896.00							•
HP 5 year 4-Hour Exchange Plus 5406zl chassis Support	HS585E	\$2,011.00						•	
HP 1 year 4-Hour Exchange Plus HP 7503/02 Switch Support	U0S90E	\$2,029.00			•				
HP 4 year Next business day Exchange Plus 5412zl chassis Support	HS630E	\$2,057.00						•	
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	UE246E	\$2,064.00					•		
HP 4 year Support Plus 24 ProCurve Chassis6 Service	UR902E	\$2,078.00						•	

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HP 3 year 6 hour Call to Repair Proactive Care 4204vl Switch Service	U2K76E	\$2,084.00					•		
HP 3 year Next business day Proactive Care 4208vl Switch Service	U2K79E	\$2,124.00					•		
HP 4 year Next business day Proactive Care 5406zl chassis Switch Service	U2K53E	\$2,130.00						•	
HP 4 year 4-Hour Exchange Plus 4208vl Support	HS607E	\$2,141.00					•		
HP 3 year 4 hour 24x7 Proactive Care 5406zl Series Service	U2K55E	\$2,221.00						•	
HP 1 year Post Warranty Support Plus24 Networks 7502/03 Switch Service	HP915PE	\$2,235.00			•				
HP 1 year Support Plus24 Networks 5412zl Switch Bundled Service	HR606E	\$2,235.00						•	
HP 3 year Next business day Exchange Plus 5406zl bundle Support	HS740E	\$2,300.00						•	
HP 5 year 4 hour 24x7 Proactive Care 4204vl Switch Service	U2K75E	\$2,318.00					•		
HP 1 year Support Plus24 Networks 7502/03 Switch Service	HR521E	\$2,391.00			•				
HP 1 year Support Plus24 Networks 8212zl Switch Bundled Service	HR616E	\$2,463.00							•
HP 3 year 4-Hour Exchange Plus 5412zl chassis Support	HS629E	\$2,496.00						•	
HP 5 year Next business day Exchange Plus 5412zl chassis Support	HS632E	\$2,522.00						•	
HP 5 year Support Plus 24 ProCurve Chassis6 Service	UR906E	\$2,547.00						•	
HP 5 year Next business day Proactive Care 5406zl chassis Switch Service	U2K54E	\$2,611.00						•	
HP 5 year 4-Hour Exchange Plus 4208vl Support	HS609E	\$2,625.00					•		
HP 4 year Support Plus 24 ProCurve Chassis8 Service	UR910E	\$2,703.00					•		
HP 4 year 4 hour 24x7 Proactive Care 4204vl Switch Service	U2K77E	\$2,730.00					•		
HP 3 year Next business day Exchange Plus 8206zl bundle Support	HS764E	\$2,754.00							•
HP 4 year Next business day Proactive Care 4208vl Switch Service	U2K80E	\$2,781.00					•		
HP 3 year 4 hour 24x7 Proactive Care 4208vl Switch Service	U2K82E	\$2,888.00					•		
HP 4 year 4 hour 24x7 Proactive Care 5406zl chassis Switch Service	U2K56E	\$2,908.00						•	
HP 1 year Next business day Exchange Plus 12504 Switch Support	U7M03E	\$2,916.00		•					
HP 4 year Next business day Exchange Plus 5406zl bundle Support	HS742E	\$3,012.00						•	
HP 1 year 4-Hour Exchange Plus HP 7506 Switch Support	U0S91E	\$3,021.00			•				
HP 3 year 4-Hour Exchange Plus 5406zl bundle Support	HS741E	\$3,124.00						•	
Расширенная круглосуточная поддержка сетей (Support Plus 24), 3 года	UE255E	\$3,152.00						•	

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HP 3 year 6 hour Call to Repair Proactive Care 5406zl Series Service	U2K58E	\$3,217.00						•	
HP 3 year Next business day Proactive Care 5412zl chassis Switch Service	U2L15E	\$3,242.00						•	
HP 4 year 4-Hour Exchange Plus 5412zl chassis Support	HS631E	\$3,268.00						•	
HP 5 year Support Plus 24 ProCurve Chassis8 Service	UR914E	\$3,314.00					•		
HP 1 year Post Warranty Support Plus24 Networks 7505/06 Switch Service	HP910PE	\$3,332.00			•				
HP 5 year 6 hour Call to Repair Proactive Care 4204vl Switch Service	U2K78E	\$3,346.00					•		
HP 1 year Post Warranty Next business day Exchange Networks HP 10504 Switch Service	U4N70PE	\$3,367.00	•						
HP 5 year Next business day Proactive Care 4208vl Switch Service	U2K81E	\$3,410.00					•		
HP 3 year Next business day Exchange Plus 5412zl bundle Support	HS748E	\$3,448.00						•	
HP 1 year Support Plus24 Networks 7505/06 Switch Service	HR516E	\$3,561.00			•				
HP 5 year 4 hour 24x7 Proactive Care 5406zl chassis Switch Service	U2K57E	\$3,565.00						•	
HP 4 year Next business day Exchange Plus 8206zl bundle Support	HS766E	\$3,607.00							•
HP 1 year Next business day Exchange Plus HP 7510 Switch Support	U4D15E	\$3,623.00			•				
HP 5 year Next business day Exchange Plus 5406zl bundle Support	HS744E	\$3,693.00						•	
HP 3 year Next business day Exchange Plus HP 7503/02 Switch Support	U4D64E	\$3,705.00			•				
HP 3 year Next business day Exchange Plus 8212zl bundle Support	HS756E	\$3,768.00							•
HP 4 year 4 hour 24x7 Proactive Care 4208vl Switch Service	U2K83E	\$3,781.00					•		
HP 3 year 4-Hour Exchange Plus 8212zl bundle Support	HS765E	\$3,864.00							•
HP 5 year 4-Hour Exchange Plus 5412zl chassis Support	HS633E	\$4,007.00						•	
HP 1 year Next business day Exchange Plus HP 9508 Switch Support	U4D22E	\$4,008.00				•			
HP 4 year 4-Hour Exchange Plus 5406zl bundle Support	HS743E	\$4,091.00						•	
HP 3 year SupportPlus24 5406 zl Switch Bundle Service	UY911E	\$4,120.00						•	
HP 1 year Post Warranty Next business day Exchange Networks HP 10508 Switch Service	U4N65PE	\$4,124.00	•						
HP 4 year Support Plus 24 ProCurve Chassis12 Service	UR918E	\$4,127.00						•	
HP 3 year 6 hour Call to Repair Proactive Care 4208vl Switch Service	U2K85E	\$4,169.00					•		
HP 4 year 6 hour Call to Repair Proactive Care 5406zl chassis Switch Service	U2K59E	\$4,213.00						•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year Next business day Proactive Care 5412zl chassis Switch Service	U2L16E	\$4,246.00						•	
HP 3 year 4 hour 24x7 Proactive Care 5412zl Chassis Service	U2L18E	\$4,409.00						•	
HP 5 year Next business day Exchange Plus 8206zl bundle Support	HS768E	\$4,422.00							•
HP 3 year Next business day Proactive Care 5406zl bundle Switch Service	U2R46E	\$4,497.00						•	
HP 4 year Next business day Exchange Plus 5412zl bundle Support	HS750E	\$4,515.00						•	
HP 5 year 4 hour 24x7 Proactive Care 4208vl Switch Service	U2K84E	\$4,636.00					•		
HP 1 year 4 hour Exchange Plus 12504 Switch Support	U7M04E	\$4,644.00		•					
HP 1 year Next business day Exchange Plus HP 10504 Switch Support	U4C96E	\$4,818.00	•						
HP 4 year Next business day Exchange Plus HP 7503/02 Switch Support	U4E15E	\$4,852.00			•				
HP 4 year Next business day Exchange Plus 8212zl bundle Support	HS758E	\$4,935.00							•
HP 3 year 4-Hour Exchange Plus 5412zl bundle Support	HS749E	\$4,995.00						•	
HP 5 year 4-Hour Exchange Plus 5406zl bundle Support	HS745E	\$5,016.00						•	
HP 4 year 4-Hour Exchange Plus 8212zl bundle Support	HS767E	\$5,060.00							•
HP 5 year Support Plus 24 ProCurve Chassis12 Service	UR922E	\$5,060.00						•	
HP 3 year SupportPlus24 8206 zl Switch Bundle Service	UW444E	\$5,062.00							•
HP 3 year Support Plus 24 ProCurve 8206zl SVC	UT014E	\$5,071.00							•
HP 5 year 6 hour Call to Repair Proactive Care 5406zl chassis Switch Service	U2K60E	\$5,165.00						•	
HP 5 year Next business day Proactive Care 5412zl chassis Switch Service	U2L17E	\$5,205.00						•	
HP 4 year SupportPlus24 5406 zl Switch Bundle Service	UW454E	\$5,395.00						•	
HP 1 year Next business day Exchange Plus HP 12508 Switch Support	U4C99E	\$5,423.00		•					
HP 3 year Next business day Proactive Care 8206zl bundle Switch Service	U2R64E	\$5,457.00							•
HP 4 year 4 hour 24x7 Proactive Care 4208vl Switch Service	U2K86E	\$5,459.00					•		
HP 1 year Support Plus 24 12504 Switch Networking Service	U7M12E	\$5,472.00		•					
HP 3 year Next business day Exchange Plus HP 7506 Switch Support	U4D65E	\$5,513.00			•				
HP 3 year 4-Hour Exchange Plus 8212zl bundle Support	HS757E	\$5,517.00							•
HP 5 year Next business day Exchange Plus 5412zl bundle Support	HS752E	\$5,536.00						•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 3 year 4 hour 24x7 Proactive Care 5406 zl Switch Bundle Service	U2R49E	\$5,537.00						•	
HP 1 year 4-Hour Exchange Plus HP 7510 Switch Support	U0S92E	\$5,771.00			•				
HP 4 year 4 hour 24x7 Proactive Care 5412zl chassis Switch Service	U2L19E	\$5,774.00						•	
HP 4 year Next business day Proactive Care 5406zl bundle Switch Service	U2R47E	\$5,889.00						•	
HP 1 year Next business day Exchange Plus HP 10508 Switch Support	U4C97E	\$5,903.00	•						
HP 3 year 4-Hour Exchange Plus HP 7503/02 Switch Support	U0T41E	\$5,904.00			•				
HP 5 year Next business day Exchange Plus HP 7503/02 Switch Support	U0S39E	\$5,948.00			•				
HP 5 year Next business day Exchange Plus 8212zl bundle Support	HS760E	\$6,050.00							•
HP 5 year 4-Hour Exchange Plus 8212zl bundle Support	HS769E	\$6,203.00							•
HP 1 year Post Warranty Support Plus24 Networks 7510 Switch Service	HP905PE	\$6,354.00			•				
HP 3 year 6 hour Call to Repair Proactive Care 5412zl chassis Service	U2L21E	\$6,367.00						•	
HP 1 year 4-Hour Exchange Plus HP 9508 Switch Support	U0S99E	\$6,387.00				•			
HP 3 year SupportPlus24 5412 zl Switch Bundle Service	UY916E	\$6,503.00						•	
HP 4 year 4-Hour Exchange Plus 5412zl bundle Support	HS751E	\$6,541.00						•	
HP 5 year SupportPlus24 5406 zl Switch Bundle Service	UW475E	\$6,614.00						•	
HP 4 year SupportPlus24 8206 zl Switch Bundle Service	UW464E	\$6,629.00							•
HP 4 year Support Plus 24 ProCurve 8206zl SVC	UT018E	\$6,641.00							•
HP 5 year 6 hour Call to Repair Proactive Care 4208vl Switch Service	U2K87E	\$6,693.00					•		
HP 1 year Support Plus24 Networks 7510 Switch Service	HR511E	\$6,800.00			•				
HP 3 year 4 hour 24x7 Proactive Care 8206 zl Switch Bundle Service	U2R67E	\$6,858.00							•
HP 3 year Next business day Proactive Care 5412zl bundle Switch Service	U2R55E	\$6,925.00						•	
HP 1 year Post Warranty Support Plus24 Networks 95xx Switch Service	HP900PE	\$7,037.00				•			
HP 5 year 4 hour 24x7 Proactive Care 5412zl chassis Switch Service	U2L20E	\$7,079.00						•	
HP 4 year Next business day Proactive Care 8206zl bundle Switch Service	U2R65E	\$7,146.00							•
HP 3 year SupportPlus24 8212 zl Switch Bundle Service	UW449E	\$7,169.00							•
HP 4 year Next business day Exchange Plus HP 7506 Switch Support	U4E16E	\$7,220.00			•				

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 5 year Next business day Proactive Care 5406zl bundle Switch Service	U2R48E	\$7,220.00						•	
HP 4 year 4-Hour Exchange Plus 8212zl bundle Support	HS759E	\$7,225.00							•
HP 4 year 4 hour 24x7 Proactive Care 5406zl bundle Switch Service	U2R50E	\$7,251.00						•	
HP 3 year 6 hour Call to Repair Proactive Care 5406zl Switch bundle Service	U2R52E	\$7,281.00						•	
HP 3 year Support Plus 24 Networks 7502/03 Switch Service	HP806E	\$7,397.00			•				
HP 1 year Support Plus24 Networks 9505/08 Switch Service	HR506E	\$7,527.00				•			
HP 3 year Next business day Proactive Care 7502/03 Switch Service	U2S99E	\$7,544.00			•				
HP 1 year Post Warranty Next business day Exchange Networks HP 10504 Switch Service	U4N71PE	\$7,600.00	•						
HP 3 year Next business day Proactive Care 8212zl bundle Switch Service	U2R73E	\$7,603.00							•
HP 1 year 4-Hour Exchange Plus HP 10504 Switch Support	U0S73E	\$7,680.00	•						
HP 4 year 4-Hour Exchange Plus HP 7503/02 Switch Support	U0T92E	\$7,732.00			•				
HP 5 year 4-Hour Exchange Plus 5412zl bundle Support	HS753E	\$8,020.00						•	
HP 5 year SupportPlus24 8206 zl Switch Bundle Service	UY923E	\$8,127.00							•
HP 5 year Support Plus 24 ProCurve 8206zl SVC	UT022E	\$8,141.00							•
HP 4 year 6 hour Call to Repair Proactive Care 5412zl chassis Switch Service	U2L22E	\$8,337.00						•	
HP 1 year Post Warranty Next business day Exchange Networks HP 10504 Switch Service	U4N72PE	\$8,465.00	•						
HP 3 year Next business day Exchange Plus 12504 Switch Support	U7M14E	\$8,484.00		•					
HP 4 year SupportPlus24 5412 zl Switch Bundle Service	UW459E	\$8,516.00						•	
HP 1 year 4-Hour Exchange Plus HP 12508 Switch Support	U0S76E	\$8,642.00		•					
HP 5 year Next business day Proactive Care 8206zl bundle Switch Service	U2R66E	\$8,761.00							•
HP 3 year 4-Hour Exchange Plus HP 7506 Switch Support	U0T42E	\$8,791.00			•				
HP 5 year Next business day Exchange Plus HP 7506 Switch Support	U0S40E	\$8,851.00			•				
HP 5 year 4-Hour Exchange Plus 8212zl bundle Support	HS761E	\$8,858.00							•
HP 3 year 4 hour 24x7 Proactive Care 5412 zl Switch Bundle Service	U2R58E	\$8,877.00						•	
HP 5 year 4 hour 24x7 Proactive Care 5406zl bundle Switch Service	U2R51E	\$8,889.00						•	
HP 4 year 4 hour 24x7 Proactive Care 8206zl bundle Switch Service	U2R68E	\$8,980.00							•
HP 1 year Support Plus24 10504 Switch Service	HT058E	\$9,051.00	•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year Next business day Proactive Care 5412zl bundle Switch Service	U2R56E	\$9,069.00						•	
HP 3 year 6 hour Call to Repair Proactive Care 8206 zl Switch bundle Service	U2R70E	\$9,207.00							•
HP 1 year Post Warranty Next business day Exchange Networks HP 10508 Switch Service	U4N66PE	\$9,309.00	•						
HP 4 year SupportPlus24 8212 zl Switch Bundle Service	UW469E	\$9,388.00							•
HP 1 year 4-Hour Exchange Plus HP 10508 Switch Support	U0S74E	\$9,409.00	•						
HP 5 year 4-Hour Exchange Plus HP 7503/02 Switch Support	U0U43E	\$9,479.00			•				
HP 1 year Post Warranty Support Plus24 Networks 12508 Switch Service	HP870PE	\$9,521.00		•					
HP 4 year 6 hour Call to Repair Proactive Care 5406zl bundle Switch Service	U2R53E	\$9,535.00						•	
HP 4 year Support Plus 24 Networks 7502/03 Switch Service	HP807E	\$9,756.00			•				
HP 1 year Next business day Exchange Plus HP 10512 Switch Support	U6N98E	\$9,801.00	•						
HP 3 year 4 hour 24x7 Proactive Care 8212 zl Switch Bundle Service	U2R76E	\$9,810.00							•
HP 4 year Next business day Proactive Care 7502/03 Switch Service	U2T00E	\$9,950.00			•				
HP 4 year Next business day Proactive Care 8212zl bundle Switch Service	U2R74E	\$9,956.00							•
HP 1 year Support Plus24 Networks 12508 Switch Service	HR496E	\$10,184.00		•					
HP 5 year 6 hour Call to Repair Proactive Care 5412zl chassis Switch Service	U2L23E	\$10,221.00						•	
HP 1 year Post Warranty Next business day Exchange Networks HP 10504 Switch Service	U4N74PE	\$10,244.00	•						
HP 3 year 4 hour 24x7 Proactive Care Networks 7502/03 Switch Service	U2T02E	\$10,353.00			•				
HP 1 year Post Warranty Next business day Exchange Networks HP 10508 Switch Service	U4N67PE	\$10,369.00	•						
HP 5 year SupportPlus24 5412 zl Switch Bundle Service	UY918E	\$10,441.00						•	
HP 3 year Next business day Exchange Plus HP 7510 Switch Support	U4D66E	\$10,543.00			•				
HP 5 year 4 hour 24x7 Proactive Care 8206zl bundle Switch Service	U2R69E	\$11,010.00							•
HP 3 year Support Plus 24 ProCurve A75xx Switch Service	UX007E	\$11,016.00			•				
HP 1 year Support Plus24 10508 Switch Service	HT091E	\$11,088.00	•						
HP 4 year Next business day Exchange Plus 12504 Switch Support	U7M27E	\$11,110.00		•					
HP 5 year Next business day Proactive Care 5412zl bundle Switch Service	U2R57E	\$11,118.00						•	
HP 3 year Next business day Proactive Care 7506/06 Switch Service	U2P39E	\$11,233.00			•				

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 5 year SupportPlus24 8212 zl Switch Bundle Service	UY928E	\$11,509.00							•
HP 4 year 4-Hour Exchange Plus HP 7506 Switch Support	U0T93E	\$11,512.00			•				
HP 4 year 4 hour 24x7 Proactive Care 5412zl bundle Switch Service	U2R59E	\$11,625.00						•	
HP 3 year Next business day Exchange Plus HP 9508 Switch Support	U4D73E	\$11,664.00				•			
HP 5 year 6 hour Call to Repair Proactive Care 5406zl bundle Switch Service	U2R54E	\$11,689.00						•	
HP 5 year Support Plus 24 Networks 7502/03 Switch Service	HP808E	\$12,012.00			•				
HP 4 year 6 hour Call to Repair Proactive Care 8206zl bundle Switch Service	U2R71E	\$12,056.00							•
HP 1 year Post Warranty Next business day Exchange Networks HP 10508 Switch Service	U4N69PE	\$12,148.00	•						
HP 3 year 6 hour Call to Repair Proactive Care 5412 zl Switch bundle Service	U2R61E	\$12,152.00						•	
HP 5 year Next business day Proactive Care 8212zl bundle Switch Service	U2R75E	\$12,206.00							•
HP 5 year Next business day Proactive Care 7502/03 Switch Service	U2T01E	\$12,249.00			•				
HP 1 year Next business day Exchange Plus HP 12518 Switch Support	U4D00E	\$12,355.00		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 10504 Switch Service	U4N73PE	\$12,794.00	•						
HP 4 year 4 hour 24x7 Proactive Care 8212zl bundle Switch Service	U2R77E	\$12,846.00							•
HP 3 year 6 hour Call to Repair Proactive Care 8212 zl Switch bundle Service	U2R79E	\$13,511.00							•
HP 3 year 4 hour Exchange Plus 12504 Switch Support	U7M15E	\$13,514.00		•					
HP 5 year Next business day Exchange Plus 12504 Switch Support	U7M40E	\$13,621.00		•					
HP 4 year 4 hour 24x7 Proactive Care 7502/03 Switch Service	U2T03E	\$13,628.00			•				
HP 3 year 6 hour Call to Repair Proactive Care 7502/03 Switch Service	U2T05E	\$13,680.00			•				
HP 4 year Next business day Exchange Plus HP 7510 Switch Support	U4E17E	\$13,806.00			•				
HP 3 year Next business day Exchange Plus HP 10504 Switch Support	U4D47E	\$14,021.00	•						
HP 5 year 4-Hour Exchange Plus HP 7506 Switch Support	U0U44E	\$14,114.00			•				
HP 5 year 4 hour 24x7 Proactive Care 5412zl bundle Switch Service	U2R60E	\$14,252.00						•	
HP 4 year Support Plus 24 ProCurve A75xx Switch Service	UX008E	\$14,530.00			•				
HP 5 year 6 hour Call to Repair Proactive Care 8206zl bundle Switch Service	U2R72E	\$14,781.00							•
HP 4 year Next business day Proactive Care 7506/06 Switch Service	U2P40E	\$14,815.00			•				

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year Next business day Exchange Plus HP 9508 Switch Support	U4E24E	\$15,275.00				•			
HP 3 year 4 hour 24x7 Proactive Care 7505 Switch Service	U2P42E	\$15,421.00			•				
HP 1 year 4-Hour Exchange Plus HP 10512 Switch Support	U6N74E	\$15,615.00	•						
HP 1 year Post Warranty Next business day Exchange Networks HP 10508 Switch Service	U4N68PE	\$15,672.00	•						
HP 5 year 4 hour 24x7 Proactive Care 8212zl bundle Switch Service	U2R78E	\$15,749.00							•
HP 3 year Next business day Exchange Plus HP 12508 Switch Support	U4D50E	\$15,781.00		•					
HP 4 year 6 hour Call to Repair Proactive Care 5412zl bundle Switch Service	U2R62E	\$15,913.00						•	
HP 5 year 4 hour 24x7 Proactive Care 7502/03 Switch Service	U2T04E	\$16,759.00			•				
HP 3 year 4-Hour Exchange Plus HP 7510 Switch Support	U0T43E	\$16,794.00			•				
HP 5 year Next business day Exchange Plus HP 7510 Switch Support	U0S41E	\$16,926.00			•				
HP 3 year Support Plus 24 12504 Switch Service	U7M26E	\$16,927.00		•					
HP 3 year Next business day Exchange Plus HP 10508 Switch Support	U4D48E	\$17,178.00	•						
HP 3 year Next business day 12504 Switch Proactive Service	U7M16E	\$17,268.00		•					
HP 1 year Support Plus 24 HP 10512 switch Service	U6N21E	\$17,429.00	•						
HP 4 year 6 hour Call to Repair Proactive Care 8212zl bundle Switch Service	U2R80E	\$17,693.00							•
HP 4 year 4 hour Exchange Plus 12504 Switch Support	U7M28E	\$17,696.00		•					
HP 5 year Support Plus 24 ProCurve A75xx Switch Service	UX009E	\$17,890.00			•				
HP 4 year 6 hour Call to Repair Proactive Care 7502/03 Switch Service	U2T06E	\$17,984.00			•				
HP 5 year Next business day Proactive Care 7506/06 Switch Service	U2P41E	\$18,239.00			•				
HP 4 year Next business day Exchange Plus HP 10504 Switch Support	U4D98E	\$18,361.00	•						
HP 3 year 4-Hour Exchange Plus HP 9508 Switch Support	U0T50E	\$18,587.00				•			
HP 5 year Next business day Exchange Plus HP 9508 Switch Support	U0S48E	\$18,727.00				•			
HP 5 year 6 hour Call to Repair Proactive Care 5412zl bundle Switch Service	U2R63E	\$19,509.00						•	
HP 1 year 4-Hour Exchange Plus HP 12518 Switch Support	U0S77E	\$19,688.00		•					
HP 4 year 4 hour 24x7 Proactive Care 7506/06 Switch Service	U2P43E	\$20,298.00			•				
HP 3 year 6 hour Call to Repair Proactive Care 7505/06 Switch Service	U2P45E	\$20,379.00			•				

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year Next business day Exchange Plus HP 12508 Switch Support	U4E01E	\$20,666.00		•					
HP 3 year Support Plus 24 Networks 7510 Switch Service	HP788E	\$21,036.00			•				
HP 3 year Next business day Proactive Care 7510 Switch Service	U2S90E	\$21,459.00			•				
HP 5 year 6 hour Call to Repair Proactive Care 8212zl bundle Switch Service	U2R81E	\$21,691.00							•
HP 1 year Post Warranty Support Plus24 Networks 12518 Switch Service	HP865PE	\$21,691.00		•					
HP 5 year 4 hour Exchange Plus 12504 Switch Support	U7M41E	\$21,695.00		•					
HP 4 year 4-Hour Exchange Plus HP 7510 Switch Support	U0T94E	\$21,992.00			•				
HP 5 year 6 hour Call to Repair Proactive Care 7502/03 Switch Service	U2T07E	\$22,099.00			•				
HP 4 year Support Plus 24 12504 Switch Service	U7M39E	\$22,326.00		•					
HP 3 year 4-Hour Exchange Plus HP 10504 Switch Support	U0T24E	\$22,349.00	•						
HP 4 year Next business day Exchange Plus HP 10508 Switch Support	U4D99E	\$22,494.00	•						
HP 5 year Next business day Exchange Plus HP 10504 Switch Support	U0S22E	\$22,510.00	•						
HP 4 year Next business day 12504 Switch Proactive Service	U7M29E	\$22,773.00		•					
HP 1 year Support Plus24 Networks 12518 Switch Service	HR491E	\$23,201.00		•					
HP 3 year Support Plus 24 ProCurve A95xx Switch Service	UX023E	\$23,286.00				•			
HP 3 year 4 hour 24x7 12504 Switch Proactive Service	U7M20E	\$23,692.00		•					
HP 3 year Next business day Proactive Care 9505/08 Switch Service	U2P48E	\$23,751.00				•			
HP 4 year 4-Hour Exchange Plus HP 9508 Switch Support	U0U01E	\$24,341.00				•			
HP 5 year 4 hour 24x7 Proactive Care 7506/06 Switch Service	U2P44E	\$24,961.00			•				
HP 3 year 4-Hour Exchange Plus HP 12508 Switch Support	U0T27E	\$25,148.00		•					
HP 5 year Next business day Exchange Plus HP 12508 Switch Support	U0S25E	\$25,336.00		•					
HP 4 year 6 hour Call to Repair Proactive Care 7506/06 Switch Service	U2P46E	\$26,792.00			•				
HP 5 year 4-Hour Exchange Plus HP 7510 Switch Support	U0U45E	\$26,961.00			•				
HP 3 year 4-Hour Exchange Plus HP 10508 Switch Support	U0T25E	\$27,379.00	•						
HP 5 year Support Plus 24 12504 Switch Service	U7M52E	\$27,488.00		•					
HP 5 year Next business day Exchange Plus HP 10508 Switch Support	U0S23E	\$27,578.00	•						

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Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year Support Plus 24 Networks 7510 Switch Service	HP789E	\$27,746.00			•				
HP 3 year Support Plus24 10504 Switch Service	HT067E	\$28,001.00	•						
HP 5 year Next business day 12504 Switch Proactive Service	U7M42E	\$28,036.00		•					
HP 4 year Next business day Proactive Care 7510 Switch Service	U2S91E	\$28,300.00			•				
HP 3 year Next business day Exchange Plus HP 10512 Switch Support	U6P07E	\$28,520.00	•						
HP 3 year Next business day Proactive Care 10504 Switch Service	U2U07E	\$28,558.00	•						
HP 4 year 4-Hour Exchange Plus HP 10504 Switch Support	U0T75E	\$29,267.00	•						
HP 3 year 4 hour 24x7 Proactive Care Networks 7510 Switch Service	U2S93E	\$29,444.00			•				
HP 5 year 4-Hour Exchange Plus HP 9508 Switch Support	U0U52E	\$29,841.00				•			
HP 4 year Support Plus 24 ProCurve A95xx Switch Service	UX024E	\$30,713.00				•			
HP 4 year 4 hour 24x7 12504 Switch Proactive Service	U7M33E	\$31,185.00		•					
HP 3 year 6 hour Call to Repair 12504 Switch Proactive Service	U7M23E	\$31,299.00		•					
HP 4 year Next business day Proactive Care 9505/08 Switch Service	U2P49E	\$31,323.00				•			
HP 3 year Support Plus24 A12508 Switch Service	UW990E	\$31,504.00		•					
HP 3 year Next business day Proactive Care 12508 Switch Service	U2Q38E	\$32,134.00		•					
HP 3 year 4 hour 24x7 Proactive Care 9505-08 Switch Service	U2P51E	\$32,594.00				•			
HP 5 year 6 hour Call to Repair Proactive Care 7506/06 Switch Service	U2P47E	\$32,922.00			•				
HP 4 year 4-Hour Exchange Plus HP 12508 Switch Support	U0T78E	\$32,932.00		•					
HP 5 year Support Plus 24 Networks 7510 Switch Service	HP790E	\$34,161.00			•				
HP 3 year Support Plus24 10508 Switch Service	HT100E	\$34,302.00	•						
HP 5 year Next business day Proactive Care 7510 Switch Service	U2S92E	\$34,841.00			•				
HP 3 year Next business day Proactive Care 10508 Switch Service	U2T98E	\$34,984.00	•						
HP 4 year 4-Hour Exchange Plus HP 10508 Switch Support	U0T76E	\$35,853.00	•						
HP 5 year 4-Hour Exchange Plus HP 10504 Switch Support	U0U26E	\$35,880.00	•						
HP 3 year Next business day Exchange Plus HP 12518 Switch Support	U4D51E	\$35,954.00		•					
HP 4 year Support Plus24 10504 Switch Service	HT075E	\$36,933.00	•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year Next business day Exchange Plus HP 10512 Switch Support	U6P16E	\$37,347.00	•						
HP 4 year Next business day Proactive Care 10504 Switch Service	U2U08E	\$37,662.00	•						
HP 5 year Support Plus 24 ProCurve A95xx Switch Service	UX025E	\$37,815.00				•			
HP 5 year 4 hour 24x7 12504 Switch Proactive Service	U7M46E	\$38,349.00		•					
HP 5 year Next business day Proactive Care 9505/08 Switch Service	U2P50E	\$38,562.00				•			
HP 4 year 4 hour 24x7 Proactive Care 7510 Switch Service	U2S94E	\$38,756.00			•				
HP 3 year 6 hour Call to Repair Proactive Care 7510 Switch Service	U2S96E	\$38,899.00			•				
HP 3 year 4 hour 24x7 Proactive Care 10504 Switch Service	U2U10E	\$39,195.00	•						
HP 5 year 4-Hour Exchange Plus HP 12508 Switch Support	U0U29E	\$40,373.00		•					
HP 4 year 6 hour Call to Repair 12504 Switch Proactive Service	U7M36E	\$41,147.00		•					
HP 4 year Support Plus24 A12508 Switch Service	UW991E	\$41,553.00		•					
HP 4 year Next business day Proactive Care 12508 Switch Service	U2Q39E	\$42,378.00		•					
HP 4 year 4 hour 24x7 Proactive Care 9505/08 Switch Service	U2P52E	\$42,903.00				•			
HP 3 year 6 hour Call to Repair Proactive Care 95xx Switch Service	U2P54E	\$43,066.00				•			
HP 5 year 4-Hour Exchange Plus HP 10508 Switch Support	U0U27E	\$43,955.00	•						
HP 3 year 4 hour 24x7 Proactive Care 12508 Switch Service	U2Q41E	\$44,097.00		•					
HP 4 year Support Plus24 10508 Switch Service	HT108E	\$45,244.00	•						
HP 3 year 4-Hour Exchange Plus HP 10512 Switch Support	U6N80E	\$45,440.00	•						
HP 5 year Support Plus24 10504 Switch Service	HT083E	\$45,472.00	•						
HP 5 year Next business day Exchange Plus HP 10512 Switch Support	U6P25E	\$45,787.00	•						
HP 4 year Next business day Proactive Care 10508 Switch Service	U2T99E	\$46,138.00	•						
HP 5 year Next business day Proactive Care 10504 Switch Service	U2U09E	\$46,366.00	•						
HP 4 year Next business day Exchange Plus HP 12518 Switch Support	U4E02E	\$47,082.00		•					
HP 5 year 4 hour 24x7 Proactive Care 7510 Switch Service	U2S95E	\$47,660.00			•				
HP 3 year 4 hour 24x7 Proactive Care 10508 Switch Service	U2U01E	\$48,014.00	•						
HP 5 year 6 hour Call to Repair 12504 Switch Proactive Service	U7M49E	\$50,563.00		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year 6 hour Call to Repair Proactive Care 7510 Switch Service	U2S97E	\$51,138.00			•				
HP 5 year Support Plus24 A12508 Switch Service	UW992E	\$51,161.00		•					
HP 4 year 4 hour 24x7 Proactive Care 10504 Switch Service	U2U11E	\$51,592.00	•						
HP 3 year 6 hour Call to Repair Proactive Care 10504 Switch Service	U2U13E	\$51,792.00	•						
HP 5 year Next business day Proactive Care 12508 Switch Service	U2Q40E	\$52,172.00		•					
HP 5 year 4 hour 24x7 Proactive Care 9505/08 Switch Service	U2P53E	\$52,759.00				•			
HP 5 year Support Plus24 10508 Switch Service	HT116E	\$55,705.00	•						
HP 4 year 6 hour Call to Repair Proactive Care 9505/08 Switch Service	U2P55E	\$56,616.00				•			
HP 5 year Next business day Proactive Care 10508 Switch Service	U2U00E	\$56,801.00	•						
HP 3 year 4-Hour Exchange Plus HP 12518 Switch Support	U0T28E	\$57,293.00		•					
HP 5 year Next business day Exchange Plus HP 12518 Switch Support	U0S26E	\$57,722.00		•					
HP 4 year 4 hour 24x7 Proactive Care 12508 Switch Service	U2Q42E	\$58,045.00		•					
HP 3 year 6 hour Call to Repair Proactive Care 12508 Switch Service	U2Q44E	\$58,265.00		•					
HP 3 year 24 hour HP 10512 switch Support Plus	U6N34E	\$59,020.00	•						
HP 4 year 4-Hour Exchange Plus HP 10512 Switch Support	U6N86E	\$59,505.00	•						
HP 3 year Next business day HP 10512 switch Proactive Service	U6N23E	\$62,066.00	•						
HP 5 year 6 hour Call to Repair Proactive Care 7510 Switch Service	U2S98E	\$62,840.00			•				
HP 4 year 4 hour 24x7 Proactive Care 10508 Switch Service	U2U02E	\$63,201.00	•						
HP 5 year 4 hour 24x7 Proactive Care 10504 Switch Service	U2U12E	\$63,444.00	•						
HP 3 year 6 hour Call to Repair Proactive Care 10508 Switch Service	U2U04E	\$63,445.00	•						
HP 4 year 6 hour Call to Repair Proactive Care 10504 Switch Service	U2U14E	\$68,088.00	•						
HP 5 year 6 hour Call to Repair Proactive Care 9505/08 Switch Service	U2P56E	\$69,571.00				•			
HP 5 year 4 hour 24x7 Proactive Care 12508 Switch Service	U2Q43E	\$71,380.00		•					
HP 3 year Support Plus24 A12518 Switch Service	UX052E	\$71,774.00		•					
HP 5 year 4-Hour Exchange Plus HP 10512 Switch Support	U6N92E	\$72,952.00	•						
HP 3 year Next business day Proactive Care 12518 Switch Service	U2Q83E	\$73,209.00		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year 4-Hour Exchange Plus HP 12518 Switch Support	U0T79E	\$75,027.00		•					
HP 4 year 6 hour Call to Repair Proactive Care 12508 Switch Service	U2Q45E	\$76,598.00		•					
HP 5 year 4 hour 24x7 Proactive Care 10508 Switch Service	U2U03E	\$77,720.00	•						
HP 4 year 24 hour HP 10512 switch Supportort Plus	U6N46E	\$78,625.00	•						
HP 3 year 4 hour 24x7 HP 10512 switch Proactive Service	U6N27E	\$81,197.00	•						
HP 4 year Next business day HP 10512 switch Proactive Service	U6N35E	\$82,614.00	•						
HP 4 year 6 hour Call to Repair Proactive Care 10508 Switch Service	U2U05E	\$83,408.00	•						
HP 5 year 6 hour Call to Repair Proactive Care 10504 Switch Service	U2U15E	\$83,668.00	•						
HP 5 year 4-Hour Exchange Plus HP 12518 Switch Support	U0U30E	\$91,981.00		•					
HP 5 year 6 hour Call to Repair Proactive Care 12508 Switch Service	U2Q46E	\$94,125.00		•					
HP 4 year Support Plus24 A12518 Switch Service	UX053E	\$94,670.00		•					
HP 4 year Next business day Proactive Care 12518 Switch Service	U2Q84E	\$96,548.00		•					
HP 5 year 24 hour HP 10512 switch Support Plus	U6N58E	\$97,368.00	•						
HP 3 year 4 hour 24x7 Proactive Care 12518 Switch Service	U2Q86E	\$100,466.00		•					
HP 5 year Next business day HP 10512 switch Proactive Service	U6N47E	\$102,258.00	•						
HP 5 year 6 hour Call to Repair Proactive Care 10508 Switch Service	U2U06E	\$102,493.00	•						
HP 4 year 4 hour 24x7 HP 10512 switch Proactive Service	U6N39E	\$107,666.00	•						
HP 3 year 6 hour 24x7 HP 10512 switch Call To Repair Proactive Service	U6N30E	\$110,182.00	•						
HP 5 year Support Plus24 A12518 Switch Service	UX054E	\$116,559.00		•					
HP 5 year Next business day Proactive Care 12518 Switch Service	U2Q85E	\$118,862.00		•					
HP 4 year 4 hour 24x7 Proactive Care 12518 Switch Service	U2Q87E	\$132,242.00		•					
HP 3 year 6 hour Call to Repair Proactive Care 12518 Switch Service	U2Q89E	\$132,743.00		•					
HP 5 year 4 hour 24x7 HP 10512 switch Proactive Service	U6N51E	\$132,971.00	•						
HP 4 year 6 hour 24x7 HP 10512 switch Call To Repair Proactive Service	U6N42E	\$145,623.00	•						
HP 5 year 4 hour 24x7 Proactive Care 12518 Switch Service	U2Q88E	\$162,621.00		•					
HP 4 year 6 hour Call to Repair Proactive Care 12518 Switch Service	U2Q90E	\$174,510.00		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 5 year 6 hour 24x7 HP 10512 switch Call To Repair Proactive Service	U6N54E	\$179,506.00	•						
HP 5 year 6 hour Call to Repair Proactive Care 12518 Switch Service	U2Q91E	\$214,441.00		•					
Hardware Support Services									
HP 1 year 4 hour 13x5 4202vl Switch Hardware Support	HR874E	\$171.00					•		
HP 1 year 4 hour 24x7 4202vl Switch Hardware Support	HR875E	\$191.00					•		
HP 1 year 4 hour 13x5 Chassis4 Switch Hardware Support	HR879E	\$307.00					•		
HP 1 year 6 hour Call to Repair 4202vl Switch Hardware Support	HR878E	\$313.00					•		
HP 1 year 4 hour 24x7 Chassis4 Switch Hardware Support	HR880E	\$343.00					•		
HP 1 year 4 hour 13x5 5406zl Switch Hardware Support	HR989E	\$477.00						•	
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	UE247E	\$496.00					•		
HP 1 year 4 hour 24x7 5406zl Switch Hardware Support	HR990E	\$533.00						•	
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	UE248E	\$554.00					•		
HP 1 year 6 hour Call to Repair Chassis4 Switch Hardware Support	HR883E	\$563.00					•		
HP 1 year 4 hour 13x5 Chassis8 Switch Hardware Support	HR884E	\$614.00					•		
HP 4 year 4 hour Response 13x5 ProCurve 4202vl Hardware Support	UR892E	\$650.00					•		
HP 1 year 4 hour 24x7 Chassis8 Switch Hardware Support	HR885E	\$686.00					•		
HP 4 year 24x7 ProCurve 4202vl Hardware Support	UR893E	\$726.00					•		
HP 5 year 4 hour Response 13x5 ProCurve 4202vl Hardware Support	UR896E	\$797.00					•		
HP 1 year 4 hour 13x5 Networks 5406zl Switch Bundled Hardware Support	HR599E	\$836.00						•	
HP 1 year Post Warranty Next business day Exchange Networks HP 7503/02 Switch products Service	U4F55PE	\$889.00			•				
HP 5 year 24x7 ProCurve 4202vl Hardware Support	UR897E	\$890.00					•		
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	UE241E	\$893.00					•		
HP 3 year 6 hour CTR ProCurve 4202vl Hardware Support	UW353E	\$910.00					•		
HP 1 year 4 hour 24x7 Networks 5406zl Switch Bundled Hardware Support	HR600E	\$934.00						•	
HP 1 year 4 hour 13x5 5412zl Switch Hardware Support	HR984E	\$938.00						•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	UE242E	\$998.00					•		
HP 1 year 4 hour 24x7 5412zl Switch Hardware Support	HR985E	\$1,048.00						•	
HP 1 year 4 hour 13x5 Networks 8206zl Switch Bundled Hardware Support	HR609E	\$1,125.00							•
HP 1 year 6 hour Call to Repair Chassis8 Switch Hardware Support	HR888E	\$1,126.00					•		
HP 4 year 4 hour Response 13x5 ProCurve Chassis4 Hardware Support	UR876E	\$1,170.00					•		
HP 4 year 6 hour CTR ProCurve 4202vl Hardware Support	UW354E	\$1,192.00					•		
HP 1 year 4 hour 24x7 Networks 8206zl Switch Bundled Hardware Support	HR610E	\$1,257.00							•
HP 4 year 24x7 ProCurve Chassis4 Hardware Support	UR877E	\$1,307.00					•		
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	UE250E	\$1,389.00						•	
HP 5 year 4 hour Response 13x5 ProCurve Chassis4 Hardware Support	UR880E	\$1,434.00					•		
HP 5 year 6 hour CTR ProCurve 4202vl Hardware Support	UW355E	\$1,461.00					•		
HP 1 year 6 hour Call to Repair Networks 5406zl Switch Bundled Hardware Support	HR603E	\$1,533.00						•	
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	UE251E	\$1,552.00						•	
HP 1 year 4 hour 13x5 Networks 5412zl Switch Bundled Hardware Support	HR604E	\$1,569.00						•	
HP 5 year 24x7 ProCurve Chassis4 Hardware Support	UR881E	\$1,602.00					•		
HP 3 year 6 hour CTR ProCurve Chassis4 Hardware Support	UW347E	\$1,639.00					•		
HP 1 year Post Warranty Next Business Day Exchange Networks 7502/03 Switch Hardware Support	HP911PE	\$1,653.00			•				
HP 1 year 4 hour 24x7 Networks 5412zl Switch Bundled Hardware Support	HR605E	\$1,753.00						•	
HP 1 year 4 hour 13x5 Networks 8212zl Switch Bundled Hardware Support	HR614E	\$1,773.00							•
HP 1 year 4 hour 13x5 Networks 7502/03 Switch Hardware Support	HR519E	\$1,778.00			•				
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	UE244E	\$1,786.00					•		
HP 4 year 4 hour Response 13x5 ProCurve Chassis6 Hardware Support	UR900E	\$1,819.00						•	
HP 1 year 4 hour 24x7 Networks 8212zl Switch Bundled Hardware Support	HR615E	\$1,981.00							•
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	UE245E	\$1,996.00					•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200zl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 1 year Post Warranty 4 hour 13x5 Networks 7502/03 Switch Hardware Support	HP912PE	\$2,007.00			•				
HP 1 year 4 hour 24x7 Networks 7502/03 Switch Hardware Support	HR520E	\$2,007.00			•				
HP 4 year 24x7 ProCurve Chassis6 Hardware Support	UR901E	\$2,033.00						•	
HP 1 year 6 hour Call to Repair Networks 8206zl Switch Bundled Hardware Support	HR613E	\$2,065.00							•
HP 4 year 6 hour CTR ProCurve Chassis4 Hardware Support	UW348E	\$2,146.00					•		
HP 5 year 4 hour Response 13x5 ProCurve Chassis6 Hardware Support	UR904E	\$2,231.00						•	
HP 1 year Post Warranty 4 hour 24x7 Networks 7502/03 Switch Hardware Support	HP913PE	\$2,235.00			•				
HP 4 year 4 hour Response 13x5 ProCurve Chassis8 Hardware Support	UR908E	\$2,339.00					•		
HP 3 year 4 hour 13X5 5406 zl Switch Bundle Hardware Support	UY909E	\$2,431.00						•	
HP 1 year Post Warranty Next Business Day Exchange Networks 7505/06 Switch Hardware Support	HP906PE	\$2,458.00			•				
HP 5 year 24x7 ProCurve Chassis6 Hardware Support	UR905E	\$2,492.00						•	
HP 1 year Post Warranty Next business day Exchange Networks HP 7510 Switch products Service	U4F54PE	\$2,527.00			•				
HP 3 year 6 hour CTR ProCurve Chassis6 Hardware Support	UW377E	\$2,549.00						•	
HP 3 year Next Business Day Exchange Networks 7502/03 Switch Hardware Support	HP799E	\$2,587.00			•				
HP 4 year 24x7 ProCurve Chassis8 Hardware Support	UR909E	\$2,614.00					•		
HP 5 year 6 hour CTR ProCurve Chassis4 Hardware Support	UW349E	\$2,631.00					•		
HP 1 year 4 hour 13x5 Networks 7505/06 Switch Hardware Support	HR514E	\$2,651.00			•				
HP 3 year 4 hour 24X7 5406 zl Switch Bundle Hardware Support	UY910E	\$2,717.00						•	
Реагирование с выездом на место в течение 4-х часов, 13 часов в день 5 дней в неделю, поддержка оборудования, 3 года	UE253E	\$2,729.00						•	
HP 1 year Post Warranty Next business day Exchange Networks HP 9508 Switch products Service	U4F36PE	\$2,799.00				•			
HP 5 year 4 hour Response 13x5 ProCurve Chassis8 Hardware Support	UR912E	\$2,868.00					•		
HP 1 year 6 hour Call to Repair Networks 5412zl Switch Bundled Hardware Support	HR608E	\$2,878.00						•	
HP 1 year Post Warranty 4 hour 13x5 Networks 7505/06 Switch Hardware Support	HP907PE	\$2,992.00			•				
HP 1 year 4 hour 24x7 Networks 7505/06 Switch Hardware Support	HR515E	\$2,992.00			•				

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Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
Реагирование с выездом на место в течение 4-х часов, круглосуточное обслуживание без выходных, поддержка оборудования, 3 года	UE254E	\$3,049.00						•	
HP 1 year 6 hour Call to Repair Networks 7502/03 Switch Hardware Support	HR523E	\$3,150.00			•				
HP 4 year 4 hour 13X5 5406 zl Switch Bundle Hardware Support	UW452E	\$3,184.00						•	
HP 5 year 24x7 ProCurve Chassis8 Hardware Support	UR913E	\$3,204.00					•		
HP 1 year 6 hour Call to Repair Networks 8212zl Switch Bundled Hardware Support	HR618E	\$3,253.00							•
HP 3 year 4 hour 13X5 8206 zl Switch Bundle Hardware Support	UW442E	\$3,275.00							•
HP 3 year 6 hour CTR ProCurve Chassis8 Hardware Support	UW350E	\$3,277.00					•		
HP 1 year Post Warranty 4 hour 24x7 Networks 7505/06 Switch Hardware Support	HP908PE	\$3,332.00			•				
HP 4 year 6 hour CTR ProCurve Chassis6 Hardware Support	UW378E	\$3,338.00						•	
HP 1 year Post Warranty 6 hour Call to Repair Networks 7502/03 Switch Hardware Support	HP914PE	\$3,378.00			•				
HP 4 year 4 hour 24X7 5406 zl Switch Bundle Hardware Support	UW453E	\$3,557.00						•	
HP 4 year 4 hour Response 13x5 ProCurve Chassis12 Hardware Support	UR916E	\$3,574.00						•	
HP 3 year 4 hour 24X7 8206 zl Switch Bundle Hardware Support	UW443E	\$3,659.00							•
HP 1 year Post Warranty Next business day Exchange Networks HP 12508 Switch products Service	U4F46PE	\$3,787.00		•					
HP 3 year Next business day Exchange ProCurve A75xx Switch Hardware Support	UW999E	\$3,857.00			•				
HP 5 year 4 hour 13X5 5406 zl Switch Bundle Hardware Support	UW473E	\$3,904.00						•	
HP 4 year 24x7 ProCurve Chassis12 Hardware Support	UR917E	\$3,993.00						•	
HP 1 year 4 hour 13x5 12504 Switch Hardware Support	U7M05E	\$4,067.00		•					
HP 5 year 6 hour CTR ProCurve Chassis6 Hardware Support	UW379E	\$4,092.00						•	
HP 4 year 4 hour 13X5 8206 zl Switch Bundle Hardware Support	UW462E	\$4,289.00							•
HP 4 year 6 hour CTR ProCurve Chassis8 Hardware Support	UW351E	\$4,291.00					•		
HP 5 year 4 hour 24X7 5406 zl Switch Bundle Hardware Support	UW474E	\$4,361.00						•	
HP 5 year 4 hour Response 13x5 ProCurve Chassis12 Hardware Support	UR920E	\$4,382.00						•	
HP 3 year 4 hour 13x5 ProCurve 8206zl HW Support	UT012E	\$4,416.00							•
HP 3 year 6 hour Call to Repair 5406zl Switch Bundle Hardware Support	UY913E	\$4,460.00						•	

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 3 year 4 hour 13X5 5412 zl Switch Bundle Hardware Support	UY914E	\$4,565.00						•	
HP 1 year 4 hour 24x7 12504 Switch Hardware Support	U7M07E	\$4,589.00		•					
HP 1 year Post Warranty Next Business Day Exchange Networks 7510 Switch Hardware Support	HP901PE	\$4,678.00			•				
HP 1 year 6 hour Call to Repair Networks 7505/06 Switch Hardware Support	HR518E	\$4,696.00			•				
HP 4 year 4 hour 24X7 8206 zl Switch Bundle Hardware Support	UW463E	\$4,792.00							•
HP 5 year 24x7 ProCurve Chassis12 Hardware Support	UR921E	\$4,895.00						•	
HP 3 year 4 hour 24x7 ProCurve 8206zl HW Support	UT013E	\$4,934.00							•
HP 3 year 6 hour CTR ProCurve 5212zl Hardware Support	UW380E	\$5,007.00						•	
HP 1 year Post Warranty Next business day Exchange Networks HP 7506 Switch products Service	U4F35PE	\$5,036.00			•				
HP 1 year Post Warranty 6 hour Call to Repair Networks 7505/06 Switch Hardware Support	HP909PE	\$5,036.00			•				
HP 1 year 4 hour 13x5 Networks 7510 Switch Hardware Support	HR509E	\$5,054.00			•				
HP 3 year 4 hour 24X7 5412 zl Switch Bundle Hardware Support	UY915E	\$5,100.00						•	
HP 3 year 4 hour 13X5 8212 zl Switch Bundle Hardware Support	UW447E	\$5,161.00							•
HP 1 year Post Warranty Next Business Day Exchange Networks 95xx Switch Hardware Support	HP896PE	\$5,178.00				•			
HP 5 year 4 hour 13X5 8206 zl Switch Bundle Hardware Support	UY921E	\$5,258.00							•
HP 5 year 6 hour CTR ProCurve Chassis8 Hardware Support	UW352E	\$5,261.00					•		
HP 1 year 4 hour 13x5 Networks 9505/08 Switch Hardware Support	HR504E	\$5,598.00				•			
HP 3 year 4 hour 13x5 Networks 7502/03 Switch Hardware Support	HP800E	\$5,613.00			•				
HP 1 year 4 hour 24x7 Networks 7510 Switch Hardware Support	HR510E	\$5,704.00			•				
HP 1 year Post Warranty 4 hour 13x5 Networks 7510 Switch Hardware Support	HP902PE	\$5,704.00			•				
HP 3 year 4 hour 24X7 8212 zl Switch Bundle Hardware Support	UW448E	\$5,766.00							•
HP 4 year 4 hour 13x5 ProCurve 8206zl HW Support	UT016E	\$5,783.00							•
HP 4 year 6 hour Call to Repair 5406 zl Switch Bundle Hardware Support	UW456E	\$5,841.00						•	
HP 5 year 4 hour 24X7 8206 zl Switch Bundle Hardware Support	UY922E	\$5,874.00							•
HP 3 year 12504 Switch Next business day Hardware Exchange Support	U7M13E	\$5,917.00		•					
HP 4 year 4 hour 13X5 5412 zl Switch Bundle Hardware Support	UW457E	\$5,978.00						•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200zl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 3 year 6 hour Call to Repair 8206 zl Switch Bundle Hardware Support	UW446E	\$6,008.00							•
HP 3 year 4 hour 24x7 Networks 7502/03 Switch Hardware Support	HP803E	\$6,279.00			•				
HP 1 year Post Warranty 4 hour 13x5 Networks 95xx Switch Hardware Support	HP897PE	\$6,317.00				•			
HP 1 year 4 hour 24x7 Networks 9505/08 Switch Hardware Support	HR505E	\$6,317.00				•			
HP 1 year Post Warranty 4 hour 24x7 Networks 7510 Switch Hardware Support	HP903PE	\$6,354.00			•				
HP 4 year 4 hour 24x7 ProCurve 8206zl HW Support	UT017E	\$6,461.00							•
HP 4 year 6 hour CTR ProCurve 5212zl Hardware Support	UW381E	\$6,556.00						•	
HP 4 year 4 hour 24X7 5412 zl Switch Bundle Hardware Support	UW458E	\$6,679.00						•	
HP 1 year 4 hour 13x5 10504 Switch Hardware Support	HT051E	\$6,734.00	•						
HP 4 year 4 hour 13X5 8212 zl Switch Bundle Hardware Support	UW467E	\$6,758.00							•
HP 1 year Post Warranty Next Business Day Exchange Networks 12508 Switch Hardware Support	HP866PE	\$7,005.00		•					
HP 1 year Post Warranty 4 hour 24x7 Networks 95xx Switch Hardware Support	HP898PE	\$7,037.00				•			
HP 5 year 4 hour 13x5 ProCurve 8206zl HW Support	UT020E	\$7,090.00							•
HP 5 year 6 hour Call to Repair 5406zl Switch Bundle Hardware Support	UY939E	\$7,161.00						•	
HP 1 year 6 hour Call to Repair 12504 Switch Hardware Support	U7M09E	\$7,204.00		•					
HP 5 year 4 hour 13X5 5412 zl Switch Bundle Hardware Support	UY940E	\$7,329.00						•	
HP 3 year Next business day Exchange Networks 7510 Switch Hardware Support	HP781E	\$7,354.00			•				
HP 4 year 4 hour 13x5 Networks 7502/03 Switch Hardware Support	HP801E	\$7,421.00			•				
HP 4 year 4 hour 24X7 8212 zl Switch Bundle Hardware Support	UW468E	\$7,550.00							•
HP 1 year 4 hour 13x5 Networks 12508 Switch Hardware Support	HR494E	\$7,573.00		•					
HP 1 year 4 hour 24x7 10504 Switch Hardware Support	HT053E	\$7,600.00	•						
HP 4 year 6 hour Call to Repair 8206 zl Switch Bundle Hardware Support	UW466E	\$7,868.00							•
HP 5 year 4 hour 24x7 ProCurve 8206zl HW Support	UT021E	\$7,921.00							•
HP 5 year 6 hour CTR ProCurve 5212zl Hardware Support	UW382E	\$8,038.00						•	
HP 3 year Next business day Exchange ProCurve A95xx Switch Hardware Support	UX016E	\$8,145.00				•			
HP 5 year 4 hour 24X7 5412 zl Switch Bundle Hardware Support	UY917E	\$8,188.00						•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 1 year 4 hour 13x5 10508 Switch Hardware Support	HT084E	\$8,248.00	•						
HP 5 year 4 hour 13X5 8212 zl Switch Bundle Hardware Support	UY926E	\$8,285.00							•
HP 4 year 4 hour 24x7 Networks 7502/03 Switch Hardware Support	HP804E	\$8,292.00			•				
HP 3 year 4 hour 13x5 ProCurve A75xx Switch Hardware Support	UX001E	\$8,368.00			•				
HP 3 year 6 hour Call to Repair 5412 zl Switch Bundle Hardware Support	UW441E	\$8,375.00					•		
HP 1 year 4 hour 24x7 Networks 12508 Switch Hardware Support	HR495E	\$8,547.00		•					
HP 1 year Post Warranty 4 hour 13x5 Networks 12508 Switch Hardware Support	HP867PE	\$8,547.00		•					
HP 1 year Post Warranty Next business day Exchange Networks HP 12518 Switch products Service	U4F50PE	\$8,627.00		•					
HP 1 year 6 hour Call to Repair Networks 7510 Switch Hardware Support	HR513E	\$8,954.00			•				
HP 5 year 4 hour 13x5 Networks 7502/03 Switch Hardware Support	HP802E	\$9,149.00			•				
HP 5 year 4 hour 24X7 8212 zl Switch Bundle Hardware Support	UY927E	\$9,256.00							•
HP 1 year 4 hour 24x7 10508 Switch Hardware Support	HT086E	\$9,309.00	•						
HP 3 year 4 hour 24x7 ProCurve A75xx Switch Hardware Support	UX004E	\$9,360.00			•				
HP 3 year 6 hour Call to Repair 8212 zl Switch Bundle Hardware Support	UY937E	\$9,467.00							•
HP 1 year Post Warranty 4 hour 24x7 Networks 12508 Switch Hardware Support	HP868PE	\$9,521.00		•					
HP 1 year Post Warranty 6 hour Call to Repair Networks 7510 Switch Hardware Support	HP904PE	\$9,603.00			•				
HP 3 year 6 hour Call to Repair Networks 7502/03 Switch Hardware Support	HP812E	\$9,605.00			•				
HP 5 year 6 hour Call to Repair 8206 zl Switch Bundle Hardware Support	UY925E	\$9,645.00							•
HP 3 year Next business day Exchange 10504 Switch Hardware Support	HT059E	\$9,798.00	•						
HP 1 year 6 hour Call to Repair Networks 9505/08 Switch Hardware Support	HR508E	\$9,916.00				•			
HP 5 year 4 hour 24x7 Networks 7502/03 Switch Hardware Support	HP805E	\$10,217.00			•				
HP 1 year Post Warranty 6 hour Call to Repair Networks 95xx Switch Hardware Support	HP899PE	\$10,636.00				•			
HP 4 year 6 hour Call to Repair 5412 zl Switch Bundle Hardware Support	UW461E	\$10,967.00					•		
HP 4 year 4 hour 13x5 ProCurve A75xx Switch Hardware Support	UX002E	\$11,062.00			•				
HP 1 year 6 hour Call to Repair 10504 Switch Hardware Support	HT055E	\$11,928.00	•						
HP 3 year Next business day Exchange 10508 Switch Hardware Support	HT092E	\$12,002.00	•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year 4 hour 24x7 ProCurve A75xx Switch Hardware Support	UX005E	\$12,361.00			•				
HP 4 year 6 hour Call to Repair 8212 zl Switch Bundle Hardware Support	UW472E	\$12,397.00							•
HP 4 year 6 hour Call to Repair Networks 7502/03 Switch Hardware Support	HP813E	\$12,648.00			•				
HP 3 year 4 hour 13x5 12504 Switch Hardware Support	U7M17E	\$12,838.00		•					
HP 1 year 4 hour 13x5 HP 10512 switch Hardware Support	U6N14E	\$13,148.00	•						
HP 1 year 6 hour Call to Repair Networks 12508 Switch Hardware Support	HR498E	\$13,416.00		•					
HP 5 year 6 hour Call to Repair 5412 zl Switch Bundle Hardware Support	UY920E	\$13,445.00						•	
HP 5 year 4 hour 13x5 ProCurve A75xx Switch Hardware Support	UX003E	\$13,639.00			•				
HP 3 year 6 hour Call To Repair ProCurve A75xx Switch Hardware Support	UX013E	\$14,318.00			•				
HP 3 year 4 hour 24x7 12504 Switch Hardware Support	U7M19E	\$14,359.00		•					
HP 1 year Post Warranty 6 hour Call to Repair Networks 12508 Switch Hardware Support	HP869PE	\$14,390.00		•					
HP 1 year 6 hour Call to Repair 10508 Switch Hardware Support	HT088E	\$14,612.00	•						
HP 1 year 4 hour 24x7 HP 10512 switch Hardware Support	U6N16E	\$14,742.00	•						
HP 5 year 6 hour Call to Repair 8212 zl Switch Bundle Hardware Support	UY930E	\$15,199.00							•
HP 5 year 4 hour 24x7 ProCurve A75xx Switch Hardware Support	UX006E	\$15,231.00			•				
HP 5 year 6 hour Call to Repair Networks 7502/03 Switch Hardware Support	HP814E	\$15,557.00			•				
HP 3 year 4 hour 13x5 Networks 7510 Switch Hardware Support	HP782E	\$15,956.00			•				
HP 1 year Post Warranty Next Business Day Exchange Networks 12518 Switch Hardware Support	HP861PE	\$15,969.00		•					
HP 4 year 4 hour 13x5 12504 Switch Hardware Support	U7M30E	\$16,972.00		•					
HP 1 year 4 hour 13x5 Networks 12518 Switch Hardware Support	HR489E	\$17,254.00		•					
HP 3 year 4 hour 13x5 ProCurve A95xx Switch Hardware Support	UX017E	\$17,671.00				•			
HP 3 year 4 hour 24x7 Networks 7510 Switch Hardware Support	HP785E	\$17,847.00			•				
HP 4 year 6 hour Call To Repair ProCurve A75xx Switch Hardware Support	UX014E	\$18,855.00			•				
HP 4 year 4 hour 24x7 12504 Switch Hardware Support	U7M32E	\$18,964.00		•					
HP 1 year Post Warranty 4 hour 13x5 Networks 12518 Switch Hardware Support	HP862PE	\$19,473.00		•					
HP 1 year 4 hour 24x7 Networks 12518 Switch Hardware Support	HR490E	\$19,473.00		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 3 year 4 hour 24x7 ProCurve A95xx Switch Hardware Support	UX020E	\$19,766.00				•			
HP 3 year HP 10512 switch Next business day Exchange Hardware Support	U6N22E	\$19,907.00	•						
HP 5 year 4 hour 13x5 12504 Switch Hardware Support	U7M43E	\$20,924.00		•					
HP 4 year 4 hour 13x5 Networks 7510 Switch Hardware Support	HP783E	\$21,094.00			•				
HP 3 year 4 hour 13x5 10504 Switch Hardware Support	HT060E	\$21,258.00	•						
HP 1 year Post Warranty 4 hour 24x7 Networks 12518 Switch Hardware Support	HP863PE	\$21,691.00		•					
HP 3 year 6 hour Call to Repair 12504 Switch Hardware Support	U7M22E	\$21,967.00		•					
HP 5 year 6 hour Call To Repair ProCurve A75xx Switch Hardware Support	UX015E	\$23,192.00			•				
HP 4 year 4 hour 13x5 ProCurve A95xx Switch Hardware Support	UX018E	\$23,362.00				•			
HP 5 year 4 hour 24x7 12504 Switch Hardware Support	U7M45E	\$23,366.00		•					
HP 4 year 4 hour 24x7 Networks 7510 Switch Hardware Support	HP786E	\$23,571.00			•				
HP 3 year 4 hour 24x7 10504 Switch Hardware Support	HT062E	\$23,777.00	•						
HP 3 year 4 hour 13x5 A12508 Switch Hardware Support	UW984E	\$23,908.00		•					
HP 1 year 6 hour 24x7 Call To Repair HP 10512 switch Hardware Support	U6N18E	\$24,703.00	•						
HP 5 year 4 hour 13x5 Networks 7510 Switch Hardware Support	HP784E	\$26,006.00			•				
HP 3 year 4 hour 13x5 10508 Switch Hardware Support	HT093E	\$26,039.00	•						
HP 4 year 4 hour 24x7 ProCurve A95xx Switch Hardware Support	UX021E	\$26,104.00				•			
HP 3 year 4 hour 24x7 A12508 Switch Hardware Support	UW987E	\$26,742.00		•					
HP 3 year 6 hour Call to Repair Networks 7510 Switch Hardware Support	HP794E	\$27,303.00			•				
HP 4 year 4 hour 13x5 10504 Switch Hardware Support	HT068E	\$28,103.00	•						
HP 5 year 4 hour 13x5 ProCurve A95xx Switch Hardware Support	UX019E	\$28,802.00				•			
HP 4 year 6 hour Call to Repair 12504 Switch Hardware Support	U7M35E	\$28,926.00		•					
HP 5 year 4 hour 24x7 Networks 7510 Switch Hardware Support	HP787E	\$29,042.00			•				
HP 3 year 4 hour 24x7 10508 Switch Hardware Support	HT095E	\$29,126.00	•						
HP 3 year 6 hour Call To Repair ProCurve A95xx Switch Hardware Support	UX029E	\$30,238.00				•			
HP 1 year 6 hour Call to Repair Networks 12518 Switch Hardware Support	HR493E	\$30,565.00		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year 4 hour 24x7 10504 Switch Hardware Support	HT070E	\$31,402.00	•						
HP 4 year 4 hour 13x5 A12508 Switch Hardware Support	UW985E	\$31,607.00		•					
HP 5 year 4 hour 24x7 ProCurve A95xx Switch Hardware Support	UX022E	\$32,164.00				•			
HP 1 year Post Warranty 6 hour Call to Repair Networks 12518 Switch Hardware Support	HP864PE	\$32,783.00		•					
HP 4 year 4 hour 13x5 10508 Switch Hardware Support	HT101E	\$34,424.00	•						
HP 5 year 4 hour 13x5 10504 Switch Hardware Support	HT076E	\$34,647.00	•						
HP 4 year 4 hour 24x7 A12508 Switch Hardware Support	UW988E	\$35,318.00		•					
HP 5 year 6 hour Call to Repair 12504 Switch Hardware Support	U7M48E	\$35,580.00		•					
HP 4 year 6 hour Call to Repair Networks 7510 Switch Hardware Support	HP795E	\$35,953.00			•				
HP 3 year 6 hour Call to Repair 10504 Switch Hardware Support	HT064E	\$36,374.00	•						
HP 4 year 4 hour 24x7 10508 Switch Hardware Support	HT103E	\$38,465.00	•						
HP 5 year 4 hour 24x7 10504 Switch Hardware Support	HT078E	\$38,692.00	•						
HP 5 year 4 hour 13x5 A12508 Switch Hardware Support	UW986E	\$38,967.00		•					
HP 4 year 6 hour Call To Repair ProCurve A95xx Switch Hardware Support	UX030E	\$39,817.00				•			
HP 3 year 24x7 6 hour Call to Repair A12508 Switch Hardware Support	UW996E	\$40,910.00		•					
HP 3 year 4 hour 13x5 HP 10512 switch Hardware Support	U6N24E	\$41,704.00	•						
HP 5 year 4 hour 13x5 10508 Switch Hardware Support	HT109E	\$42,440.00	•						
HP 5 year 4 hour 24x7 A12508 Switch Hardware Support	UW989E	\$43,516.00		•					
HP 5 year 6 hour Call to Repair Networks 7510 Switch Hardware Support	HP796E	\$44,223.00			•				
HP 3 year 6 hour Call to Repair 10508 Switch Hardware Support	HT097E	\$44,556.00	•						
HP 3 year 4 hour 24x7 HP 10512 switch Hardware Support	U6N26E	\$46,342.00	•						
HP 5 year 4 hour 24x7 10508 Switch Hardware Support	HT111E	\$47,395.00	•						
HP 4 year 6 hour Call to Repair 10504 Switch Hardware Support	HT072E	\$47,898.00	•						
HP 5 year 6 hour Call To Repair ProCurve A95xx Switch Hardware Support	UX031E	\$48,976.00				•			
HP 4 year 24x7 6 hour Call to Repair A12508 Switch Hardware Support	UW997E	\$53,871.00		•					
HP 3 year 4 hour 13x5 A12518 Switch Hardware Support	UX046E	\$54,470.00		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year 4 hour 13x5 HP 10512 switch Hardware Support	U6N36E	\$55,162.00	•						
HP 4 year 6 hour Call to Repair 10508 Switch Hardware Support	HT105E	\$58,672.00	•						
HP 5 year 6 hour Call to Repair 10504 Switch Hardware Support	HT080E	\$58,915.00	•						
HP 3 year 4 hour 24x7 A12518 Switch Hardware Support	UX049E	\$60,925.00		•					
HP 4 year 4 hour 24x7 HP 10512 switch Hardware Support	U6N38E	\$61,235.00	•						
HP 5 year 24x7 6 hour Call to Repair A12508 Switch Hardware Support	UW998E	\$66,262.00		•					
HP 5 year 4 hour 13x5 HP 10512 switch Hardware Support	U6N48E	\$68,028.00	•						
HP 4 year 4 hour 13x5 A12518 Switch Hardware Support	UX047E	\$72,009.00		•					
HP 5 year 6 hour Call to Repair 10508 Switch Hardware Support	HT113E	\$72,168.00	•						
HP 3 year 6 hour 24x7 Call To Repair HP 10512 switch Hardware Support	U6N29E	\$75,327.00	•						
HP 5 year 4 hour 24x7 HP 10512 switch Hardware Support	U6N50E	\$75,473.00	•						
HP 4 year 4 hour 24x7 A12518 Switch Hardware Support	UX050E	\$80,463.00		•					
HP 5 year 4 hour 13x5 A12518 Switch Hardware Support	UX048E	\$88,777.00		•					
HP 3 year 24x7 6 hour Call To Repair A12518 Switch Hardware Support	UX058E	\$93,203.00		•					
HP 5 year 4 hour 24x7 A12518 Switch Hardware Support	UX051E	\$99,141.00		•					
HP 4 year 6 hour 24x7 Call To Repair HP 10512 switch Hardware Support	U6N41E	\$99,192.00	•						
HP 5 year 6 hour 24x7 Call To Repair HP 10512 switch Hardware Support	U6N53E	\$122,008.00	•						
HP 4 year 24x7 6 hour Call To Repair A12518 Switch Hardware Support	UX059E	\$122,731.00		•					
HP 5 year 24x7 6 hour Call To Repair A12518 Switch Hardware Support	UX060E	\$150,962.00		•					
Software Support Services									
HP 1 year 24x7 4202vl Switch Software Support	HR877E	\$6.00					•		
HP 1 year 24x7 Chassis4 Switch Software Support	HR882E	\$12.00					•		
HP 1 year 24x7 5406zl Switch Software Support	HR992E	\$12.00						•	
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE265E	\$16.00					•		
HP 4 year 24x7 ProCurve 4202vl Software Support	UR895E	\$22.00					•		
HP 1 year 24x7 Chassis8 Switch Software Support	HR887E	\$24.00					•		
HP 5 year 24x7 ProCurve 4202vl Software Support	UR899E	\$26.00					•		
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF786E	\$34.00						•	

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Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UE263E	\$34.00					•		
HP 1 year 24x7 5412zl Switch Software Support	HR987E	\$35.00						•	
HP 4 year 24x7 ProCurve Chassis4 Software Support	UR879E	\$45.00					•		
HP 4 year 24x7 ProCurve Chassis6 Software Support	UR903E	\$45.00						•	
HP 5 year 24x7 ProCurve Chassis4 Software Support	UR883E	\$55.00					•		
HP 5 year 24x7 ProCurve Chassis6 Software Support	UR907E	\$55.00						•	
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF787E	\$68.00					•		
HP 4 year 24x7 ProCurve Chassis8 Software Support	UR911E	\$90.00					•		
Техническая поддержка ПО для ProCurve, неограниченная, круглосуточно без выходных, 3 года	UF788E	\$103.00						•	
HP 5 year 24x7 ProCurve Chassis8 Software Support	UR915E	\$110.00					•		
HP 4 year 24x7 ProCurve Chassis12 Software Support	UR919E	\$134.00						•	
HP 3 year 24x7 ProCurve 8206zl SW Support	UT015E	\$137.00							•
HP 5 year 24x7 ProCurve Chassis12 Software Support	UR923E	\$165.00						•	
HP 4 year 24x7 ProCurve 8206zl SW Support	UT019E	\$179.00							•
HP 5 year 24x7 ProCurve 8206zl SW Support	UT023E	\$220.00							•
HP 1 year Networks 7502/03 Switch Software Support	HR522E	\$384.00			•				
HP 1 year Networks 5406zl Switch Bundled Software Support	HR602E	\$482.00						•	
HP 1 year Networks 8206zl Switch Bundled Software Support	HR612E	\$482.00							•
HP 1 year Networks 8212zl Switch Bundled Software Support	HR617E	\$482.00							•
HP 1 year Networks 5412zl Switch Bundled Software Support	HR607E	\$482.00						•	
HP 1 year Networks 7505/06 Switch Software Support	HR517E	\$569.00			•				
HP 1 year 24x7 12504 Switch Networking Software Support	U7M11E	\$882.00		•					
HP 1 year Networks 7510 Switch Software Support	HR512E	\$1,096.00			•				
HP 3 year 24x7 Networks 7502/03 Switch Software Support	HP809E	\$1,118.00			•				
HP 1 year Networks 9505/08 Switch Software Support	HR507E	\$1,210.00				•			
HP 3 year 24x7 8206 zl Switch Bundle Software Support	UW445E	\$1,403.00							•
HP 3 year 24x7 5406 zl Switch Bundle Software Support	UY912E	\$1,403.00						•	
HP 3 year 24x7 8212 zl Switch Bundle Software Support	UW450E	\$1,403.00							•
HP 3 year 24x7 5412 zl Switch Bundle Software Support	UW440E	\$1,403.00						•	
HP 1 year 24x7 10504 Switch Software Support	HT057E	\$1,451.00	•						

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Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year 24x7 Networks 7502/03 Switch Software Support	HP810E	\$1,464.00			•				
HP 1 year Networks 12508 Switch Software Support	HR497E	\$1,636.00		•					
HP 3 year 24x7 ProCurve A75xx Switch Software Support	UX010E	\$1,656.00			•				
HP 1 year 24x7 10508 Switch Software Support	HT090E	\$1,779.00	•						
HP 5 year 24x7 Networks 7502/03 Switch Software Support	HP811E	\$1,795.00			•				
HP 4 year 24x7 5406 zl Switch Bundle Software Support	UW455E	\$1,837.00					•		
HP 4 year 24x7 8206 zl Switch Bundle Software Support	UW465E	\$1,837.00						•	
HP 4 year 24x7 8212 zl Switch Bundle Software Support	UW471E	\$1,837.00						•	
HP 4 year 24x7 5412 zl Switch Bundle Software Support	UW460E	\$1,837.00					•		
HP 4 year 24x7 ProCurve A75xx Switch Software Support	UX011E	\$2,169.00			•				
HP 5 year 24x7 8212 zl Switch Bundle Software Support	UY929E	\$2,253.00						•	
HP 5 year 24x7 8206 zl Switch Bundle Software Support	UY924E	\$2,253.00						•	
HP 5 year 24x7 5412 zl Switch Bundle Software Support	UY919E	\$2,253.00					•		
HP 5 year 24x7 5406 zl Switch Bundle Software Support	UY938E	\$2,253.00					•		
HP 3 year 24x7 12504 Switch Software Support	U7M25E	\$2,567.00		•					
HP 5 year 24x7 ProCurve A75xx Switch Software Support	UX012E	\$2,659.00			•				
HP 1 year 24x7 HP 10512 switch Software Support	U6N20E	\$2,687.00	•						
HP 3 year 24x7 Networks 7510 Switch Software Support	HP791E	\$3,188.00			•				
HP 4 year 24x7 12504 Switch Software Support	U7M38E	\$3,362.00		•					
HP 3 year 24x7 ProCurve A95xx Switch Software Support	UX026E	\$3,520.00				•			
HP 1 year Networks 12518 Switch Software Support	HR492E	\$3,728.00		•					
HP 5 year 24x7 12504 Switch Software Support	U7M51E	\$4,122.00		•					
HP 4 year 24x7 Networks 7510 Switch Software Support	HP792E	\$4,175.00			•				
HP 3 year 24x7 10504 Switch Software Support	HT066E	\$4,224.00	•						
HP 4 year 24x7 ProCurve A95xx Switch Software Support	UX027E	\$4,609.00				•			
HP 3 year 24x7 A12508 Switch Software Support	UW993E	\$4,762.00		•					
HP 5 year 24x7 Networks 7510 Switch Software Support	HP793E	\$5,119.00			•				
HP 3 year 24x7 10508 Switch Software Support	HT099E	\$5,176.00	•						
HP 4 year 24x7 10504 Switch Software Support	HT074E	\$5,531.00	•						
HP 5 year 24x7 ProCurve A95xx Switch Software Support	UX028E	\$5,651.00				•			
HP 4 year 24x7 A12508 Switch Software Support	UW994E	\$6,236.00		•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 10500 Switch Series	HP 12500 Switch Series	HP 7500 Switch Series	HP 9500 Switch Series	Серия коммутаторов ProCurve 4200vl	Серия коммутаторов ProCurve 5400zl	Серия коммутаторов с маршрутизацией ProCurve 8200zl
HP 4 year 24x7 10508 Switch Software Support	HT107E	\$6,778.00	•						
HP 5 year 24x7 10504 Switch Software Support	HT082E	\$6,781.00	•						
HP 5 year 24x7 A12508 Switch Software Support	UW995E	\$7,645.00		•					
HP 5 year 24x7 10508 Switch Software Support	HT115E	\$8,310.00	•						
HP 3 year 24x7 A12518 Switch Software Support	UX055E	\$10,849.00		•					
HP 3 year 24x7 HP 10512 switch Software Support	U6N32E	\$12,678.00	•						
HP 4 year 24x7 A12518 Switch Software Support	UX056E	\$14,207.00		•					
HP 4 year 24x7 2h HP 10512 switch SW Support	U6N44E	\$17,390.00	•						
HP 5 year 24x7 A12518 Switch Software Support	UX057E	\$17,417.00		•					
HP 5 year 24x7 2h HP 10512 switch Software Support	U6N56E	\$21,894.00	•						
Услуги по обучению									
HP Ed Education ProCurve Svc	HH245E	\$270.00					•	•	•
Услуги по установке аппаратных средств									
HP Networks 42xx Modular Switch Installation Service	U4827E	\$600.00					•		
Установка модульного коммутатора ProCurve	U4828E	\$750.00						•	•
HP ProCurve Switch Install level 2	UX032E	\$750.00			•				
HP ProCurve Switch Install level 3	UX033E	\$1,000.00	•			•			
HP ProCurve Switch Install level 4	UX034E	\$1,250.00		•					
Установка и запуск модульного коммутатора ProCurve	U4831E	\$1,825.00					•		
Установка и запуск модульного коммутатора ProCurve	U4832E	\$2,325.00						•	•

HP Ethernet Switch Power Supplies

Warranty

- **4U**
 Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
Блок питания Voltaire Very Large Level 2 10Gbe	588686-B21	4U	\$2,095.00

Пакеты HP Care Pack	Part number	lp
HP 3 year Next business day HP Inifiband group2 HW Hardware Support	U7A27E	\$350.00
HP 3 year Next business day Defective Media Retention HP Inifiband group2 HW Hardware Support	U7A28E	\$350.00
HP 3 year 4 hour 13x5 HP Inifiband group2 HW Hardware Support	U7A29E	\$444.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP IP Telephony Power Supplies

Warranty

- **4U**
 Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP IP Phone 5V Power Supply	J9767A	4U	\$27.00

HP Networking Router Power Supplies

Warranty

- **4U**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

- **9R**

Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP 6616 650W AC Router Power Supply	JC492A	4U	\$963.00
HP 6616 650W DC Router Power Supply	JC493A	4U	\$1,121.00
HP HSR6800 1200W AC Power Supply	JG335A	4U	\$1,548.00
HP HSR6800 1200W DC Power Supply	JG334A	4U	\$2,056.00
HP X331 165W 100-240VAC to 12VDC Modular Power Supply	J9739A	9R	\$292.00
HP X332 575W 100-240VAC to 54VDC Modular Power Supply	J9738A	9R	\$519.00
HP MSR50 AC Power Supply	JD650A	4U	\$872.00
HP MSR50-60 DC Power Supply	JF443A	4U	\$1,097.00

HP Networking Switch PoE Power Supplies

Warranty

Standard Models	Part number	wc	lp
HP Single-port 802.3at Gigabit PoE Midspan Power Supply	JD054A	NA	\$76.00

HP Networking Switch Power Supplies

Warranty

- **4U**

Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

- **9R**

Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP X311 400W 100-240VAC to 12VDC Power Supply	J9581A	9R	\$471.00
HP 7502 300W AC Power Supply	JD226A	4U	\$680.00
HP 5500 150WDC Power Supply	JD366A	4U	\$733.00
HP 58x0AF 650W AC Power Supply	JC680A	4U	\$908.00
HP X312 1000W 100-240VAC to 54VDC Power Supply	J9580A	9R	\$943.00
Блок питания HP A7500 650 Вт переменного тока	JD217A	4U	\$946.00
HP 5800 300W DC Power Supply	JC090A	4U	\$968.00
HP 7502 300W DC Power Supply	JD225A	4U	\$1,117.00
HP 5800 750W AC Power Supply	JC089A	4U	\$1,159.00
Блок питания HP 1500 Вт PoE+ z1	J9306A	9R	\$1,164.00
HP 58x0AF 650W DC Power Supply	JC681A	4U	\$1,164.00
Блок питания HP A7500 650 Вт постоянного тока	JD209A	4U	\$1,457.00
HP 7500 1400W DC Power Supply	JD208A	4U	\$2,437.00
HP 7500 2800W AC Power Supply	JD219A	4U	\$2,753.00
HP 7500 6000W AC Power Supply	JD227A	4U	\$5,572.00
Блок питания HP 1500 Вт z1	J8713A	9R	N/A
HP 5500 150WAC Power Supply	JD362A	4U	\$435.00
HP 5800 300W AC Power Supply	JC087A	4U	\$478.00
HP 7500 1400W AC Power Supply	JD218A	4U	\$1,664.00
Модуль питания HP A12518	JF426A	4U	\$449.00
HP 12500 Spare Power Monitor Module	JC502A	4U	\$2,086.00
HP 12500 2000W AC Power Supply	JF429A	4U	\$2,086.00
HP 10500 2500W AC Power Supply	JC610A	4U	\$2,130.00
HP 12500 1800W DC Power Supply	JC651A	4U	\$2,538.00
HP 10500 2400W DC Power Supply	JC747A	4U	\$3,193.00

HP Wireless Power Supplies

Warranty

- **4H**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP 1-port Power Injector	J9407B	4H	\$71.00
HP MSM31x/MSM32x Power Supply	J9405B	4H	\$28.00

Intrusion Prevention System Power Supplies

Warranty

- 4U

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP S10 Power Adapter	JC188A	4U	\$88.00
Блок питания переменного тока HP 400 Вт	JC018A	4U	\$655.00
HP NX IPS 750W AC Power Supply	JC826A	4U	\$714.00
Запасной блок питания постоянного тока HP 400 Вт	JC185A	4U	\$990.00
HP NX IPS 750W DC Power Supply	JC827A	4U	\$1,044.00
Модуль высокой доступности с медными сегментами и нулевой мощностью HP Zero Power High Availability 1 Copper Segment Module	JC005A	4U	\$1,095.00
Базовый блок высокой доступности с модульными сегментами и нулевой мощностью HP Zero Power High Availability 5 Modular Segments Base Unit	JC004A	4U	\$2,745.00
Блок высокой доступности с медными сегментами и нулевой мощностью HP Zero Power High Availability 5 Fixed Copper Segments Bypass Unit	JC003A	4U	\$3,295.00
Базовый блок высокой доступности с оптоволоконными сегментами и нулевой мощностью HP Zero Power High Availability 1 Fiber Segment Base Unit	JC006A	4U	\$3,845.00
Многомодовый модуль высокой доступности с нулевой мощностью HP Zero Power High Availability 10G Multi-mode Module	JC007A	4U	\$16,495.00
Одномодовый модуль высокой доступности с нулевой мощностью HP Zero Power High Availability 10G Single-Mode Module	JC008A	4U	\$19,795.00

Third Party Infiniband Power Supplies

Warranty

- **4U**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
Блок питания QLogic InfiniBand QDR	589484-B21	4U	\$1,705.00

Блоки питания коммутаторов серии В для устройств хранения

Warranty

- **4G**

Warranty period - 1 Year
 Service location - On Site
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 1

Standard Models	Part number	wc	lp
HP SN3000B Optional Power Supply	QW939A	4G	\$4,045.00
HP DC SAN Backbone Director Power Supply	AK863B	NA	\$10,525.00

Блоки питания коммутаторов серии С для устройств хранения

- **Функции обеспечения доступности:** Обновления программного обеспечения в режиме онлайн без отключения приложений; обход отказов модуля супервизора, параметры которого изменяются в процессе выполнения; резервный модуль супервизора с возможностью горячей замены; резервный блок питания 1+1 с возможностью горячей замены; лоток с вентиляторами с возможностью горячей замены и интегрированной системой управления питанием и температурой; оптика SFP с возможностью горячей замены; коммутационные модули с возможностью горячей замены; перезапуск процесса, параметры которого изменяются в процессе выполнения; любой модуль, любая конфигурация портов для PortChannels; многоканальная передача на основе матрицы; службы матрицы VSAN; пассивная объединительная плата; диагностика в режиме онлайн
- **Оптоволоконные протоколы:** FC-PH, версия 4.3, FC-PH-2, версия 7.4 FC-PH-3, версия 9.4, FC-GS-2, версия 5.3, FC-GS-3, версия 7.01, FC-FLA, версия 2.7, FC-FG, версия 3.5, FC-SW-2, версия 5.3, FC-AL, версия 4.5, FC-AL-2, версия 7.0, FC-PLDA, версия 2.1, FC-VI, версия 1.61, FCP, версия 12, FCP-2, версия 7a, FC-SB-2, версия 2.1, FC-BB, версия 4.7, FC-FS, версия 1.7, FC-PI, версия 13, FC-MI, версия 1.99, FC-Tape, версия 1.17
- **Полный дуплекс:** Отсутствует
- **Функции управления:** порт 10/100 Ethernet
- **Максимальная ширина полосы пропускания:** 1,440 Гбит/с (сквозной)
- **Диагностика:** Процедура начального самотестирования (POST); диагностика в режиме онлайн; внутренний петлевой контроль; SPAN; анализ прохождения сигналов FC; отправитель пакетов FC; средство отладки FC; анализатор матрицы Cisco Fabric Analyzer; системный журнал Syslog; контроль состояния системы в режиме онлайн; статистика на уровне портов

Warranty

- **4G**
Warranty period - 1 Year
Service location - On Site
Response time - Next Day
Installation included - No
Applicable note(s) - 1

Standard Models	Part number	wc	lp
Второй/запасной блок питания HP MDS 9124	AG649A	4G	\$665.00

Key options	Part number	lp
Приемопередатчик коротких волн Cisco MDS9000 4 Гб FC SFP	AE379A	\$865.00
Приемопередатчик длинных волн Cisco MDS9000 4 Гб FC SFP	AE380A	\$1,840.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Ethernet Switch Power Supplies	HP IP Telephony Power Supplies	HP Networking Router Power Supplies	HP Networking Switch PoE Power Supplies	HP Networking Switch Power Supplies	HP Wireless Power Supplies	Intrusion Prevention System Power Supplies	Third Party Infrimband Power Supplies
Firewalls										
HP F1000-S-EI VPN Firewall Appliance	JG213A	\$11,175.00					•			
HP F1000-A-EI VPN Firewall Appliance	JG214A	\$15,744.00					•			
HP F5000 Firewall Standalone Chassis	JG216A	\$25,552.00					•			
Fixed Port L3 Managed Ethernet Switches										
HP 2920-24G Switch	J9726A	\$1,947.00			•					
HP 2920-24G-POE+ Switch	J9727A	\$2,601.00			•					
HP 2920-48G Switch	J9728A	\$3,242.00			•					
HP 2920-48G-POE+ Switch	J9729A	\$4,336.00			•					
HP 5500-24G EI Switch	JD377A	\$4,363.00					•			
HP 5500-24G-PoE+ EI Switch with 2 Interface Slots	JG241A	\$5,098.00					•			
HP 3800-24G-2SFP+ Switch	J9575A	\$5,425.00					•			
HP 5500-24G-PoE+ EI TAA-compliant Switch with 2 Interface Slots	JG252A	\$5,589.00					•			
HP 5500-24G-4SFP HI Switch with 2 Interface Slots	JG311A	\$5,673.00					•			
HP 3800-24G-PoE+-2SFP+ Switch	J9573A	\$5,983.00					•			
HP 3800-24G-2XG Switch	J9585A	\$5,983.00					•			
HP 3800-24G-PoE+-2XG Switch	J9587A	\$6,608.00					•			
HP 5800-24G Switch	JC100A	\$6,812.00					•			
HP 5500-24G-SFP EI Switch	JD374A	\$7,482.00					•			
HP 5800-24G-PoE Switch	JC099A	\$7,781.00					•			
HP 5500-48G EI Switch	JD375A	\$7,901.00					•			
HP 3800-48G-4SFP+ Switch	J9576A	\$8,144.00					•			
HP 5500-48G-PoE+ EI Switch with 2 Interface Slots	JG240A	\$9,074.00					•			
HP 3800-24SFP-2SFP+ Switch	J9584A	\$9,110.00					•			
HP 3800-48G-4XG Switch	J9586A	\$9,246.00					•			
HP 5500-48G-4SFP HI Switch with 2 Interface Slots	JG312A	\$9,494.00					•			
HP 3800-48G-PoE+-4SFP+ Switch	J9574A	\$9,504.00					•			
HP 3800-48G-PoE+-4XG Switch	J9588A	\$10,605.00					•			
HP 5800AF-48G Switch	JG225A	\$11,695.00					•			
HP 5800-48G Switch	JC105A	\$12,645.00					•			
HP 5800-24G-SFP Switch	JC103A	\$12,645.00					•			
HP 5830AF-48G Switch with 1 Interface Slot	JC691A	\$12,761.00					•			
HP 5830AF-48G TAA-compliant Switch w/1 Interface Slot	JG316A	\$13,000.00					•			
Коммутатор HP ProCurve 6600-48G-4XG	J9452A	\$13,134.00					•			
HP 5800-48G Switch with 2 Slots	JC101A	\$14,593.00					•			

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Ethernet Switch Power Supplies	HP IP Telephony Power Supplies	HP Networking Router Power Supplies	HP Networking Switch PoE Power Supplies	HP Networking Switch Power Supplies	HP Wireless Power Supplies	Intrusion Prevention System Power Supplies	Third Party Infraband Power Supplies
HP 5800-48G-PoE Switch	JC104A	\$14,593.00					•			
HP 5900AF-48G-4XG-2QSFP+ Switch	JG510A	\$15,959.00					•			
HP 5820-24XG-SFP+ Switch	JC102A	\$17,521.00					•			
HP 5820AF-24XG Switch	JG219A	\$17,550.00					•			
HP 5820-14XG-SFP+ Switch with 2 Slots	JC106A	\$19,469.00					•			
HP 5920AF-24XG TAA-compliant Switch	JG555A	\$19,990.00					•			
HP 5920AF-24XG Switch	JG296A	\$20,767.00					•			
HP 5830AF-96G Switch	JC694A	\$25,535.00					•			
HP 5900AF-48XGT-4QSFP+ Switch	JG336A	\$25,789.00					•			
HP 5830AF-96G TAA-compliant Switch	JG374A	\$25,800.00					•			
HP 5900AF-48XG-4QSFP+ TAA-compliant Switch	JG554A	\$30,790.00					•			
HP 5900AF-48XG-4QSFP+ Switch	JC772A	\$30,926.00					•			
Modular Ethernet Routers										
HP HSR68xx Configure-to-Order Router Solution	JG678A	N/A			•					
HP MSR50-40 DC Router	JF285A	\$2,735.00			•					
HP MSR50-40 Router	JD433A	\$2,916.00			•					
HP 6604 Router Chassis	JC178B	\$5,058.00				•				
HP HSR6802 Router Chassis	JG361A	\$7,224.00			•					
HP MSR50-60 Router Chassis with DC Power Supply	JF640A	\$7,254.00			•					
HP 6608 Router Chassis	JC177B	\$7,986.00				•				
Полка для маршрутизаторов HP A8805	JC148B	\$9,739.00			•	•				
HP HSR6804 Router Chassis	JG362A	\$11,351.00			•					
HP 6616 Router Chassis	JC496A	\$12,845.00			•					
Полка для маршрутизаторов HP A8808	JC149B	\$14,604.00			•	•				
HP HSR6808 Router Chassis	JG363A	\$18,577.00			•					
HP HSR6602-G Router	JG353A	\$19,162.00				•				
HP HSR6602-XG Router	JG354A	\$27,676.00				•				
Modular Ethernet Switches										
HP 7502 Switch Chassis	JD242B	\$957.00				•				
HP 7503 Switch Chassis with 1 Fabric Slot	JD243B	\$957.00				•				
Корпус коммутатора HP E4204 vl	J8770A	\$1,546.00				•				
Корпус коммутатора HP E4208 vl	J8773A	\$2,269.00				•				

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Ethernet Switch Power Supplies	HP IP Telephony Power Supplies	HP Networking Router Power Supplies	HP Networking Switch PoE Power Supplies	HP Networking Switch Power Supplies	HP Wireless Power Supplies	Intrusion Prevention System Power Supplies	Third Party Infrimband Power Supplies
HP 5406 zl Switch with Premium Software	J9642A	\$2,897.00					•			
Коммутатор HP E4204-44G-4SFP vl	J9064A	\$2,968.00					•			
Коммутатор HP E4202-72 vl	J8772B	\$3,816.00					•			
HP 7503 Switch Chassis	JD240B	\$3,884.00					•			
Коммутатор HP E4208-68G-4SFP vl	J9030A	\$4,602.00					•			
HP 9505 Switch Chassis	JC124B	\$4,864.00			•		•			
Коммутатор HP E4208-96 vl	J8775B	\$4,951.00					•			
HP 5412 zl Switch with Premium Software	J9643A	\$5,531.00					•			
HP 10504 Switch Chassis	JC613A	\$6,380.00					•			
HP 7506 Switch Chassis	JD239B	\$6,812.00					•			
HP 12504 AC Switch Chassis	JC654A	\$7,445.00					•			
HP 12504 DC Switch Chassis	JC655A	\$7,445.00					•			
HP 7506 Vertical Switch Chassis	JD241B	\$7,781.00					•			
HP 5406-44G-PoE+-4G-SFP v2 zl Switch with Premium Software	J9539A	\$8,719.00					•			
HP 7510 Switch Chassis	JD238B	\$8,760.00					•			
HP 10508 Switch Chassis	JC612A	\$9,052.00					•			
HP 8206 zl Switch with Premium Software	J9640A	\$9,412.00					•			
HP 5406-44G-PoE+-2XG v2 zl Switch with Premium Software	J9533A	\$9,689.00					•			
HP 10508-V Switch Chassis	JC611A	\$10,643.00					•			
HP 8206-44G-PoE+-2XG v2 zl Switch with Premium Software	J9638A	\$13,154.00					•			
HP 12508 DC Switch Chassis	JC652A	\$13,840.00					•			
HP 12508 Switch Chassis	JF431C	\$14,336.00					•			
HP 8212 zl Switch with Premium Software	J9641A	\$14,817.00					•			
HP 10512 Switch Chassis	JC748A	\$17,030.00					•			
HP 5412-92G-PoE+-4G v2 zl Switch with Premium Software	J9540A	\$17,312.00					•			
HP 7503 Switch with 48-port Gig-T PoE+ Module and 384Gbps MPU with 2 XFP ports	JG507A	\$18,201.00					•			
HP 5412-92G-PoE+-2XG v2 zl Switch with Premium Software	J9532A	\$18,698.00					•			
HP 7506 Switch with 2 48-port Gig-T PoE+ Modules and 384Gbps MPU with 2 XFP ports	JG508A	\$23,179.00					•			
HP 8212-92G-PoE+-2XG v2 zl Switch with Premium Software	J9639A	\$24,936.00					•			
HP 7510 Switch with 2 48-port Gig-T PoE+ Modules and 768Gbps MPU	JG509A	\$26,021.00					•			
HP 12518 DC Switch Chassis	JC653A	\$26,617.00					•			
HP 12518 Switch Chassis	JF430C	\$28,674.00					•			
Network Management/Security Software										

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Ethernet Switch Power Supplies	HP IP Telephony Power Supplies	HP Networking Router Power Supplies	HP Networking Switch PoE Power Supplies	HP Networking Switch Power Supplies	HP Wireless Power Supplies	Intrusion Prevention System Power Supplies	Third Party Infraband Power Supplies
HP IMC Basic WLAN Manager Software Platform with 50 Access Points E-LTU	JG590AAE	\$5,844.00					•			
WLAN Access Points										
HP M200 802.11n Access Point (US)	J9467A	\$219.00						•		
HP MSM430 Dual Radio 802.11n Access Point (WW)	J9651A	N/A						•		
HP MSM410 Access Point (US)	J9426B	\$499.00						•		
HP MSM410 Access Point (JP)	J9529B	\$499.00						•		
HP MSM310 Access Point (US)	J9374B	\$499.00						•		
HP MSM310 Access Point (JP)	J9524B	\$499.00						•		
HP MSM410 Single Radio 802.11n AP (IL)	J9616A	\$588.00						•		
HP MSM430 Dual Radio 802.11n Access Point (IL)	J9653A	\$738.00						•		
HP MSM313 Access Point (WW)	J9350B	\$910.00						•		
HP MSM460 Dual Radio 802.11n Access Point (IL)	J9618A	\$1,068.00						•		
HP MSM466-R Dual Radio Outdoor 802.11n Access Point (WW)	J9716A	\$2,127.00				•		•		
HP MSM466 Dual Radio 802.11n Access Point (IL)	J9619A	N/A						•		
HP MSM466-R Dual Radio Outdoor 802.11n Access Point (IL)	J9718A	N/A				•		•		
HP M200 802.11n Access Point (WW)	J9468A	\$189.00						•		
HP M110 Access Point (WW)	J9388B	\$348.00						•		
HP M110 Access Point (US)	J9385B	\$349.00						•		
HP MSM410 Access Point (WW)	J9427C	\$471.00						•		
HP MSM310 Access Point (WW)	J9379B	\$575.00						•		
HP MSM466-R Dual Radio Outdoor 802.11n Access Point (JP)	J9717A	N/A				•		•		
WLAN Bridges										
HP M111 Client Bridge	J9389A	\$336.00						•		
WLAN Controllers/Switches										
HP MSM710 Mobility Controller	J9325A	\$1,357.00						•		
Hardware Software Combo Support Services										
HP 3 year Proactive Care Infiniband Group 2 Support	U3Q54E	\$576.00	•							
HP 3 year Proactive Care with Defective Media Retention Infiniband Group 2 Support	U3Q57E	\$576.00	•							
HP 4 year Proactive Care with Defective Media Retention Infiniband Group 2 Support	U3Q58E	\$757.00	•							
HP 4 year Proactive Care Infiniband Group 2 Support	U3Q55E	\$757.00	•							
HP 3 year 4 hour response 24x7 Proactive Care w/ Defective Media Retention Infiniband GP2 Support	U3Q63E	\$787.00	•							
HP 3 year 4 hour response 7X24 Proactive Care Infiniband Group 2 Support	U3Q60E	\$787.00	•							
HP 5 year Proactive Care with Defective Media Retention Infiniband Group 2 Support	U3Q59E	\$933.00	•							
HP 5 year Proactive Care Infiniband Group 2 Support	U3Q56E	\$933.00	•							

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Ethernet Switch Power Supplies	HP IP Telephony Power Supplies	HP Networking Router Power Supplies	HP Networking Switch PoE Power Supplies	HP Networking Switch Power Supplies	HP Wireless Power Supplies	Intrusion Prevention System Power Supplies	Third Party Infiniband Power Supplies
HP 4 year 4 hour response 7X24 Proactive Care Infiniband Group 2 Support	U3Q61E	\$1,033.00	.							
HP 4 year 4 hour response 24x7 Proactive Care w/ Defective Media Retention Infiniband GP2 Support	U3Q64E	\$1,033.00	.							
HP 5 year 4 hour response 7X24 Proactive Care Infiniband Group 2 Support	U3Q62E	\$1,269.00	.							
HP 5 year 4 hour response 24x7 Proactive Care w/ Defective Media Retention Infiniband GP2 Support	U3Q65E	\$1,269.00	.							
HP 3 year 6 hour call to repair 7X24 with DMR Proactive Care Infiniband Group 2 Support	U3Q69E	\$1,280.00	.							
HP 3 year 6 hour call to repair 7X24 Proactive Care Infiniband Group 2 Support	U3Q66E	\$1,280.00	.							
HP 4 year 6 hour call to repair 7X24 with DMR Proactive Care Infiniband Group 2 Support	U3Q70E	\$1,677.00	.							
HP 4 year 6 hour call to repair 7X24 Proactive Care Infiniband Group 2 Support	U3Q67E	\$1,677.00	.							
HP 5 year 6 hour call to repair 7X24 Proactive Care Infiniband Group 2 Support	U3Q68E	\$2,057.00	.							
HP 5 year 6 hour call to repair 7X24 with DMR Proactive Care Infiniband Group 2 Support	U3Q71E	\$2,057.00	.							
Hardware Support Services										
HP 3 year Next business day HP Infiniband group2 HW Hardware Support	U7A27E	\$350.00	.							
HP 3 year Next business day Defective Media Retention HP Infiniband group2 HW Hardware Support	U7A28E	\$350.00	.							
HP 3 year 4 hour 13x5 with Defective Media Retention HP Infiniband group2 HW Hardware Support	U7A30E	\$444.00	.							
HP 3 year 4 hour 13x5 HP Infiniband group2 HW Hardware Support	U7A29E	\$444.00	.							
HP 4 year Next business day HP Infiniband group2 HW Hardware Support	U7A35E	\$465.00	.							
HP 4 year Defective Media Retention Next business day HP Infiniband group2 HW Hardware Support	U7A36E	\$465.00	.							
HP 3 year 4 hour 24x7 with Defective Media Retention HP Infiniband group2 HW Hardware Support	U7A32E	\$561.00	.							
HP 3 year 4 hour 24x7 HP Infiniband group2 HW Hardware Support	U7A31E	\$561.00	.							
HP 5 year Next business day Defective Media Retention HP Infiniband group2 HW Hardware Support	U7A44E	\$575.00	.							
HP 5 year Next business day HP Infiniband group2 HW Hardware Support	U7A43E	\$575.00	.							
HP 4 year 4 hour 13x5 Defective Media Retention HP Infiniband group2 HW Hardware Support	U7A38E	\$587.00	.							
HP 4 year 4 hour 13x5 HP Infiniband group2 HW Hardware Support	U7A37E	\$587.00	.							
HP 5 year 4 hour 13x5 HP Infiniband group2 HW Hardware Support	U7A45E	\$724.00	.							
HP 5 year 4 hour 13x5 Defective Media Retention HP Infiniband group2 HW Hardware Support	U7A46E	\$724.00	.							

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Ethernet Switch Power Supplies	HP IP Telephony Power Supplies	HP Networking Router Power Supplies	HP Networking Switch PoE Power Supplies	HP Networking Switch Power Supplies	HP Wireless Power Supplies	Intrusion Prevention System Power Supplies	Third Party Inifiband Power Supplies
HP 4 year 4 hour 24x7 with Defective Media Retention HP Inifiband group2 HW Hardware Support	U7A40E	\$740.00	•							
HP 4 year 4 hour 24x7 HP Inifiband group2 HW Hardware Support	U7A39E	\$740.00	•							
HP 5 year 4 hour 24x7 HP Inifiband group2 HW Hardware Support	U7A47E	\$911.00	•							
HP 5 year 4 hour 24x7 Defective Media Retention HP Inifiband group2 HW Hardware Support	U7A48E	\$911.00	•							
HP 3 year 6 hour 24x7 Call To Repair HP Inifiband group2 HW Hardware Support	U7A33E	\$1,054.00	•							
HP 3 year 6 hour 24x7 Defective Media Retention HP Inifiband group2 Call to Repair HW Hardware Support	U7A34E	\$1,054.00	•							
HP 4 year 6 hour 24x7 w/Defective Media Retention Call To Repair HP Inifiband group2 HW Hardware Sup	U7A42E	\$1,384.00	•							
HP 4 year 6 hour 24x7 Call To Repair HP Inifiband group2 HW Hardware Support	U7A41E	\$1,384.00	•							
HP 5 year 6 hour 24x7 w/Defective Media Retention Call To Repair HP Inifiband group2 HW Hardware Sup	U7A50E	\$1,699.00	•							
HP 5 year 6 hour 24x7 Call To Repair HP Inifiband group2 HW Hardware Support	U7A49E	\$1,699.00	•							

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	Блоки питания коммутаторов серии В для устройств хранения	Блоки питания коммутаторов серии С для устройств хранения
Fibre Channel Cables				
Кабель HP одномодовый LC/LC Fibre Channel, 2 м	AK345A	\$80.00		•
Кабель HP одномодовый LC/LC Fibre Channel, 5 м	AK346A	\$90.00		•
Networking Expansion Upgrades				
Лицензия на Cisco MDS 9500 Mainframe FICON	T4408A	\$47,435.00		•
Cisco MDS 9500 Sup Compact Flash Disk 512 MB	A7468A	EOL		•
Коммутаторы серии В				
HP SN3000B 16Gb 24-port/12-port Active Fibre Channel Switch	QW937A	\$8,005.00	•	
HP SN3000B 16Gb 24-port/24-port Active Fibre Channel Switch	QW938A	\$14,175.00	•	
HP DC04 SAN Director Switch	AR478B	\$48,830.00	•	
HP SN8000B 4-slot SAN Director Switch	QK712B	\$60,320.00	•	
Коммутатор HP StorageWorks DC04 SAN Director	AR478A	EOL	•	
HP DC04 Power Pack+ SAN Director Switch	AR479B	\$84,520.00	•	
HP SN8000B 4-slot Power Pack+ SAN Director Switch	QK711B	\$90,135.00	•	
HP StorageWorks DC04 Power Pack+ коммутатор SAN Director	AR479A	EOL	•	
HP DC SAN Backbone Director Switch	AK857C	\$143,995.00	•	
HP SN8000B 8-slot Power Pack+ SAN Backbone Director Switch	QK710B	\$144,215.00	•	
Коммутатор DC SAN Backbone Director для HP StorageWorks	AK857B	EOL	•	
Коммутаторы серии С				
8-портовый коммутатор HP MDS 9124 Active Fabric	AG646A	\$4,380.00		•
16-портовый коммутатор HP MDS 9124 Active Fabric	AG647A	\$6,955.00		•
Приемопередатчики				
Приемопередатчик коротких волн Cisco MDS9000 4 T6 FC SFP	AE379A	\$865.00		•
Приемопередатчик длинных волн Cisco MDS9000 4 T6 FC SFP	AE380A	\$1,840.00		•

HP AirProtect Wireless Security Series

Standard Models	Part number	wc	lp
HP AirProtect Sentry 5850 Wireless Security	JE488A	NA	N/A
HP AirProtect Engine 6100 Wireless Security	JE489A	NA	N/A
HP AirProtect Sensor 5750 Wireless Security	JE487A	NA	N/A
HP AirProtect SS-300 802.11n Wireless Security Sensor	JF811A	NA	N/A

HP M110 Access Point is an entry-level, single IEEE 802.11a/b/g radio device that can be configured to operate as an access point, a wireless distribution system (WDS) bridge, or a full-spectrum IEEE 802.11 wireless LAN (WLAN) monitor. The M110 Access Point supports up to two Virtual Service Communities, each with independent VLAN and wireless security profiles. It is



HP M110 Access Point Series

Standard features

- **Quality of Service (QoS)**
IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic
- **Connectivity**
Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 ports
- **Mobility**
Interoperability: Wi-Fi Alliance certifications, including IEEE 802.11g Wi-Fi and WPA2 to help ensure multivendor interoperability
- **Security**
Choice of IEEE 802.11i, WPA2, or WPA: locks out unauthorized wireless access by authenticating users prior to granting network access; robust Advanced Encryption Standard (AES) or Temporal Key Integrity Protocol (TKIP) encryption secures the data integrity of wireless traffic
- **Warranty and support**
Lifetime warranty: for as long as you own the product with advance replacement and next-business-day delivery (available in most countries)*
- **Mobility:** IEEE 802.11a High Speed Physical Layer in the 5 GHz Band; IEEE 802.11b Higher-Speed Physical Layer Extension in the 2.4 GHz Band; IEEE 802.11g Further Higher Data Rate Extension in the 2.4 GHz Band; IEEE 802.11i Medium Access Control (MAC) Security Enhancements

Standard Models	Part number	wc	lp
HP M110 Access Point (WW)	J9388B	9R	\$348.00
HP M110 Access Point (US)	J9385B	9R	\$349.00

Key options	Part number	lp
HP 1-port Power Injector	J9407B	\$71.00
HP MSM31x/MSM32x Power Supply	J9405B	\$28.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 M110 Access Point Software Support	HR922E	\$1.00
HP 3 year 24x7 ProCurve M110 Software Support	UN693E	\$2.00
HP 4 year 24x7 ProCurve M110 Software Support	US032E	\$2.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

Legacy client devices can be easily integrated into a wireless LAN (WLAN) using the HP M111 Client Bridge. The M111 Client Bridge can bridge an Ethernet client device running a legacy networking protocol to the WLAN, extending wireless network access to a wide range of DECnet, IPX, AppleTalk, and other devices. An integrated serial to TCP/IP converter enables a TIA-232



HP M111 Client Bridge Series

Standard features

- Quality of Service (QoS)**

IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic

- Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 ports

- Mobility**

Anywhere, anytime wireless coverage: - Single IEEE 802.11a/b/g access points. - Radio software-selectable configuration of frequency bands. - Self-healing, self-optimizing local mesh extends network availability. - Wi-Fi Alliance certified for interoperability with all 802.11a/b/g client devices. - IEEE 802.3af PoE or external power cord on selected models.

- Security**

Choice of IEEE 802.11i, WPA2, or WPA: locks out unauthorized wireless access by authenticating users prior to granting network access; robust Advanced Encryption Standard (AES) or Temporal Key Integrity Protocol (TKIP) encryption secures the data integrity of wireless traffic

- Warranty and support**

1-year warranty: with advance replacement and next-business-day delivery (available in most countries)

- Mobility:** IEEE 802.11a High Speed Physical Layer in the 5 GHz Band; IEEE 802.11b Higher-Speed Physical Layer Extension in the 2.4 GHz Band; IEEE 802.11g Further Higher Data Rate Extension in the 2.4 GHz Band; IEEE 802.11i Medium Access Control (MAC) Security Enhancements

Warranty

- 4H**

- Warranty period - 1 Year
- Service location - HP/Dealer
- Service level - Exchange
- Response time - Next Day
- Installation included - No
- Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP M111 Client Bridge	J9389A	4H	\$336.00

Key options	Part number	lp
HP 1-port Power Injector	J9407B	\$71.00
HP MSM31x/MSM32x Power Supply	J9405B	\$28.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

The HP M200 802.11n Access Point provides wireless connectivity for your expanding network. Take full advantage of the next-generation IEEE 802.11n standard with the M200 access point's dual-band capability while simultaneously supporting IEEE 802.11a or 802.11b/g devices. The new Web user interface makes the M200 access point easy to set up, yet retains key functionality



HP M200-802.11n Access Point Series

Standard features

- Management**

Secure and easy-to-use Web UI: Quick setup page: consolidates key settings into one page for simple and rapid configuration for common deployment scenarios. HTTPS secured management sessions: prevent management sessions from being observed on the network.

- Connectivity**

Fully IEEE 802.11n-compliant dual-band access point: 2.4 GHz frequency band support: uses your IEEE 802.11n wireless clients alongside legacy IEEE 802.11b/g devices. 5 GHz frequency band support: operates your IEEE 802.11n and 802.11a devices in the 5 GHz spectrum, which has less interference from microwave ovens, Bluetooth® devices, and cordless phones .

- Mobility**

Four wireless communities: consolidates Quality of Service, security, and VLAN settings into one easy-to-manage identifier per SSID

- Security**

AP client access control functions: - IEEE 802.1X authentication using EAP-SIM, EAP-FAST, EAP-TLS, EAP-TTLS, and PEAP. - MAC address authentication using local or RADIUS access lists. - RADIUS AAA using EAP-MD5, PAP, CHAP, and MS-CHAPv2. - Layer 2 wireless client isolation.

- Monitor and diagnostics**

Diagnostic: - Client event log records association, authentication, and DHCP events. - Packet capture tool for Ethernet and IEEE 802.11 interfaces (PCAP format). - Data rate matrix. - Remote SYSLOG.

- Mobility: IEEE 802.11a High Speed Physical Layer in the 5 GHz Band; IEEE 802.11b Higher-Speed Physical Layer Extension in the 2.4 GHz Band; IEEE 802.11g Further Higher Data Rate Extension in the 2.4 GHz Band; IEEE 802.11i Medium Access Control (MAC) Security Enhancements; IEEE 802.11n WLAN Enhancements for Higher Throughput
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DSCP DiffServ

Standard Models	Part number	wc	lp
HP M200 802.11n Access Point (WW)	J9468A	9R	\$189.00
HP M200 802.11n Access Point (US)	J9467A	9R	\$219.00

Key options	Part number	lp
HP 1-port Power Injector	J9407B	\$71.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Warranty

- 9R**

Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

HP M220 802.11n Access Points are dual-band, single-radio devices supporting high-speed wireless networking at 5 GHz or 2.4 GHz. They are fully compatible with the high-speed IEEE 802.11n wireless standard and backward-compatible for legacy IEEE 802.11a/b/g support. They can run standalone or can be "clustered" for simplified administration of multiple HP M220s. With



HP M220 802.11n Access Point Series

Standard features

- Management**

Secure and easy-to-use Web UI: Quick setup page: consolidates key settings into one page for simple and rapid configuration for common deployment scenarios. HTTPS secured management sessions: prevent management sessions from being observed on the network.

- Connectivity**

Fully IEEE 802.11n-compliant dual-band access point: 2.4 GHz frequency band support: uses your IEEE 802.11n wireless clients alongside legacy IEEE 802.11b/g devices. 5 GHz frequency band support: operates your IEEE 802.11n and 802.11a devices in the 5 GHz spectrum, which has less interference from microwave ovens, Bluetooth devices, and cordless phones.

- Mobility**

Service-class segmentation: Up to eight SSIDs (one per wireless community): allows administrator to identify multiple service sets for clients to access. Up to eight VLANs (one per wireless community): IEEE 802.1Q VLAN tagging provides security and traffic control between workgroups.

- Security**

Choice of IEEE 802.11i, WPA2, or WPA: locks out unauthorized wireless access by authenticating users prior to granting network access; robust Advanced Encryption Standard (AES) or Temporal Key Integrity Protocol (TKIP) encryption secures the data integrity of wireless traffic

- Warranty and support**

Lifetime warranty: for as long as you own the product with advance replacement and next-business-day delivery (available in most countries)†

- Ports: 1 RJ-45 autosensing 10/100/1000 port(IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T), Media Type: Auto-MDIX, Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only
- Input voltage: 100-240 VAC
- Input operating current: .4 A
- Power: IEEE 802.3af PoE Compliant or included 110-240 V 50/60 Hz external power supply
- Power consumption: 4.8 W (maximum)

Standard Models	Part number	wc	lp
HP M220 802.11n WW Access Point	J9799A	9R	\$334.00
HP M220 802.11n AM Access Point	J9798A	9R	\$389.00

Пакеты HP Care Pack	Part number	lp
HP 1 year Next business day Exchange Plus M220 Access Point Support	U7T13E	\$18.00
HP 1 year 4 hour Exchange Plus M220 Access Point Support	U7T14E	\$30.00
HP 1 year 4 hour 13x5 M220 Access Point Hardware Support	U7T15E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Warranty

- 9R**

Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

This highest-performance family of access points improves productivity. HP is the first in the industry to offer three spatial stream MIMO technology to enterprise businesses. This brings IEEE 802.11n near Gigabit Ethernet performance to 900 Mbps and enhances coverage areas with beamforming technology. These APs deliver the highest performance in 802.11n AP technology



HP MSM-802.11n Dual Radio Access Point Series

Standard features

- Management**

Wi-Fi Clear Connect: - Wi-Fi Clear Connect provides a system-wide approach for improving WLAN reliability by proactively determining and adjusting to changing RF conditions. Helps optimize WLAN performance by detecting interference from Wi-Fi and non-Wi-Fi sources using Spectrum Analysis capabilities built into the access points, identifying rogue activity and making decisions at a system-wide level.

- Quality of Service (QoS)**

Rate limiting: supports per-wireless client ingress-enforced maximums and per-wireless client, per-queue guaranteed minimums

- Connectivity**

IEEE 802.3af Power over Ethernet (PoE) support: simplifies deployment and dramatically reduces installation costs by helping to eliminate the time and cost involved in supplying local power at each access point location

- Mobility**

Three spatial stream MIMO technology: provides the latest in Wi-Fi technology, which allows for 450 Mbps of signaling per radio; delivers potentially more than a 50 percent increase in performance over any two spatial stream product

- Security**

Choice of IEEE 802.11i, WPA2, or WPA: locks out unauthorized wireless access by authenticating users prior to granting network access; robust Advanced Encryption Standard (AES) or Temporal Key Integrity Protocol (TKIP) encryption secures the data integrity of wireless traffic

- Mobility: IEEE 802.11a High Speed Physical Layer in the 5 GHz Band; IEEE 802.11b Higher-Speed Physical Layer Extension in the 2.4 GHz Band; IEEE 802.11d Global Harmonization; IEEE 802.11g Further Higher Data Rate Extension in the 2.4 GHz Band; IEEE 802.11i Medium Access Control (MAC) Security Enhancements; IEEE 802.11n WLAN Enhancements for Higher Throughput

- Ports: 1 RJ-45 autosensing 10/100/1000 port (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only; 1 RJ-45 serial console port

- Power consumption: 12.9 W (maximum)

Warranty

- 4H**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP MSM466 Dual Radio 802.11n Access Point (JP)	J9620A	9R	N/A
HP MSM430 Dual Radio 802.11n Access Point (IL)	J9653A	9R	\$738.00
HP MSM466-R Dual Radio Outdoor 802.11n Access Point (WW)	J9716A	4H	\$2,127.00
HP MSM466-R Dual Radio Outdoor 802.11n Access Point (JP)	J9717A	4H	N/A
HP MSM466 Dual Radio 802.11n Access Point (IL)	J9619A	9R	N/A
HP MSM430 Dual Radio 802.11n TAA-compliant Access Point	J9654A	9R	N/A
HP MSM466 Dual Radio 802.11n TAA-compliant Access Point	J9656A	NA	N/A
HP MSM430 Dual Radio 802.11n Access Point (JP)	J9652A	9R	N/A
HP MSM460 Dual Radio 802.11n TAA-compliant Access Point	J9655A	NA	N/A
HP MSM430 Dual Radio 802.11n Access Point (WW)	J9651A	9R	N/A
HP MSM430 Dual Radio 802.11n Access Point (AM)	J9650A	9R	N/A
HP MSM466 Dual Radio 802.11n Access Point (AM)	J9621A	9R	N/A
HP MSM460 Dual Radio 802.11n Access Point (IL)	J9618A	9R	\$1,068.00
HP MSM466-R Dual Radio Outdoor 802.11n Access Point (IL)	J9718A	4H	N/A

Key options	Part number	lp
HP 1-port Power Injector	J9407B	\$71.00
HP Single-port 802.3at Gigabit PoE Midspan Power Supply	JD054A	\$76.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year Networks MSM46x Access Point Software Support	HR622E	\$24.00
HP 1 year Networks MSM430 Access Point Software Support	HR627E	\$24.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

This highest-performance family of access points improves productivity. HP is the first in the industry to offer three spatial stream MIMO technology to enterprise businesses. This brings IEEE 802.11n near Gigabit Ethernet performance to 900 Mbps and enhances coverage areas with beamforming technology. These APs deliver the highest performance in 802.11n AP technology



HP MSM-802.11n Dual Radio Access Point Series

- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

HP MSM317 Access Device integrates wired and wireless connectivity into a small unit that can be quickly and discretely installed in a standard wall outlet box. It provides four Ethernet ports, a 2.4 GHz wireless access point, and a pass-through RJ-45 connection to support a range of service and user connectivity options. One of the front panel Ethernet ports can be configured as an IEEE



HP MSM317 Access Device Series

Standard features

- **Quality of Service (QoS)**

IEEE 802.1p prioritization: delivers data to devices based on the priority and type of traffic

- **Connectivity**

Auto-MDIX: automatically adjusts for straight-through or crossover cables on all 10/100 ports

- **Mobility**

Anywhere, anytime wireless coverage: - Single radio IEEE 802.11b/g access points with integrated antenna. - Per-radio software-selectable configuration of frequency bands. - Self-healing, self-optimizing local mesh extends network availability .

- **Security**

Choice of IEEE 802.11i, WPA2, or WPA: locks out unauthorized wireless access by authenticating users prior to granting network access; robust Advanced Encryption Standard (AES) or Temporal Key Integrity Protocol (TKIP) encryption secures the data integrity of wireless traffic

- **Warranty and support**

Lifetime warranty: for as long as you own the product with advance replacement and next-business-day delivery (available in most countries)*

- Mobility: IEEE 802.11b Higher-Speed Physical Layer Extension in the 2.4 GHz Band; IEEE 802.11d Global Harmonization; IEEE 802.11g Further Higher Data Rate Extension in the 2.4 GHz Band; IEEE 802.11i Medium Access Control (MAC) Security Enhancements

Standard Models	Part number	wc	lp
HP MSM317 Access Device (WW)	J9423A	4H	\$380.00

Warranty

- **4H**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Working with HP ProCurve MultiService Mobility (MSM) Access Points, HP ProCurve MSM760 Access Controller delivers a high-performance networking solution.



HP ProCurve MSM760 Access Controller

- Внешние порты ввода-вывода: 2 RJ-45 auto-sensing 10/100/1000 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab Type 1000Base-T) Duplex: 10Base-T/100Base-TX: half or full; 1000Base-T: full only
- Требования к питанию: 100 -127 VAC / 200 -240 VAC; 50 /60 Hz
- Доступная мощность: 2 A / 1 A
- Монтаж в стойку: Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only.

Warranty

- **4H**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7
- **8J**
Warranty period - 5 Years
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7
- **9R**
Warranty period - Lifetime
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP MSM720 TAA-compliant Access Controller	J9695A	9R	N/A
HP MSM720 TAA-compliant Premium Mobility Controller	J9696A	9R	N/A
HP MSM710 Mobility Controller	J9325A	4H	\$1,357.00
HP MSM720 Access Controller (WW)	J9693A	9R	\$1,363.00
HP MSM760 Mobility Controller	J9420A	4H	\$9,104.00
HP MSM765 zl Mobility Controller	J9370A	8J	N/A
HP MSM760 Access Controller	J9421A	4H	\$3,590.00
HP MSM720 Premium Mobility Controller (WW)	J9694A	9R	\$4,091.00

Key options	Part number	lp
HP 1-port Power Injector	J9407B	\$71.00
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year 24x7 MSM710 Access Controller Software Support	HS519E	\$40.00
HP 1 year 24x7 MSM710 Mobility Controller Software Support	HS524E	\$52.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP ProCurve MSM313, and MSM323 Access Points integrate a full-featured multiservice access point and service controller in a single turnkey unit that makes it easy to create Public/Guest Internet Access (hotspot) services.



Мобильные интегрированные точки доступа HP ProCurve

Warranty

- 9R

Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP MSM313 Access Point (JP)	J9525B	9R	N/A
HP MSM313 Access Point (WW)	J9350B	9R	\$910.00

Key options	Part number	lp
HP MSM31x/MSM32x Power Supply	J9405B	\$28.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 MSM313 Access Point Software Support	HR937E	\$12.00
HP 1 year Next business day Exchange Plus MSM313 Access Point Support	HV134E	\$30.00
HP 1 year 4 hour 13x5 MSM313 Access Point Hardware Support	HR934E	\$34.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The ProCurve MultiService Access Points (MAPs) bring intelligence to the network edge, providing scalable, seamless, secure, wireless access anywhere, anytime, either autonomously or centrally controlled by ProCurve MultiService Controllers.



Мобильные точки доступа HP ProCurve Multi-service

Warranty

- **9R**

Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP MSM310 Access Point (JP)	J9524B	9R	\$499.00
HP MSM310 Access Point (US)	J9374B	9R	\$499.00
HP MSM310 Access Point (WW)	J9379B	9R	\$575.00

Key options	Part number	lp
HP 1-port Power Injector	J9407B	\$71.00
HP MSM31x/MSM32x Power Supply	J9405B	\$28.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 MSM325 Access Point Software Support	HR947E	\$12.00
HP 1 year 24x7 MSM335 Access Point Software Support	HR967E	\$12.00
HP 1 year 24x7 MSM320 Access Point Software Support	HR942E	\$12.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The ProCurve MultiService Access Points (MAPs) bring intelligence to the network edge, providing scalable, seamless, secure, wireless access anywhere, anytime, either autonomously or centrally controlled by ProCurve MultiService Controllers.



Мобильные точки доступа HP ProCurve Multi-service для наружного размещения

Warranty

- 9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP MSM410 Access Point (WW)	J9427C	9R	\$471.00
HP MSM410 Access Point (JP)	J9529B	9R	\$499.00
HP MSM410 Access Point (US)	J9426B	9R	\$499.00
HP MSM410 Single Radio 802.11n AP (IL)	J9616A	9R	\$588.00

Key options	Part number	lp
HP 1-port Power Injector	J9407B	\$71.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 MSM422 Access Point Software Support	HR957E	\$12.00
HP 1 year 24x7 MSM320 Access Point Software Support	HR942E	\$12.00
HP 1 year Next business day Exchange Plus MSM320 Access Point Support	HS830E	\$30.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

RF Manager adds comprehensive wireless intrusion detection and prevention by automatically and immediately blocking all unauthorized traffic without disrupting or reducing the performance of authorized communication.



Система безопасности HP ProCurve Mobility Security IDS/IPS

Warranty

- 4H**
 Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP RF Manager Controller with 50-sensor License	J9521A	4H	\$11,011.00

Пакеты HP Care Pack	Part number	lp
HP Ed Education ProCurve Svc	HH245E	\$270.00
HP 1 year RF Manager with 50 sensor controller license Software Support	HS003E	\$85.00
HP 3 year 9x5 ProCurve RF Manager Controller Software Support	UU104E	\$205.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
Switch Rackmount/Rail Kits										
Монтажный комплект стойки контроллера HP E-MSM710	J9404A	\$47.00								•
Беспроводные антенны										
HP 5 dBi Indoor/Outdoor Omnidirectional Antenna	J8441A	N/A		•						
HP Antenna Lightning Arrester	J8996A	N/A						•		
HP 7 dBi Dual Band Directional Antenna	J8999A	N/A		•						
Всенаправленная антенна HP Dual Band Indoor	J9401A	\$31.00		•	•					
HP Indoor Omnidirectional Dual Band 3/4dBi MIMO 3 Element Antenna	J9171A	\$170.00						•		
HP 8 dBi Outdoor Omnidirectional Antenna	J8444A	\$211.00		•						
HP Indoor Omnidirectional Dual Band 2.5/6dBi MIMO 6 Element Antenna	J9659A	\$236.00						•		
HP Indoor-Outdoor Narrow Sector Dual Band 8/10dBi MIMO 3 Element Antenna	J9169A	\$263.00						•		
HP Outdoor Omnidirectional 8dBi 2.4GHz MIMO 3 Element Antenna	J9719A	\$312.00						•		
HP Outdoor Omnidirectional 10dBi 5GHz MIMO 3 Element Antenna	J9720A	\$312.00						•		
HP Indoor-Outdoor Point-to-Point Dual Band 10/13dBi MIMO 3 Element Antenna	J9170A	\$395.00						•		
HP 3 dBi Dual Band Diversity Antenna	J8997A	N/A		•						
Блоки питания для сетей										
HP MSM31x/MSM32x Power Supply	J9405B	\$28.00		•	•					
HP 1-port Power Injector	J9407B	\$71.00		•	•	•		•		•
HP Single-port 802.3at Gigabit PoE Midspan Power Supply	JD054A	\$76.00						•		
Лицензии HP ProCurve Networking										
Лицензия на обновление HP E-MSM710 Mobility Services Upgrade	J9331A	\$447.00								•
HP MSM720/760/765 Additional 10 Access Point License	J9697A	\$935.00								•
HP MSM720 Premium Mobility LTU	J9698A	\$2,727.00								•
Лицензия на дополнительные 40 точек доступа для HP E-MSM760/765	J9371A	\$3,638.00								•
Лицензия HP E-MSM760 Premium	J9491A	\$5,003.00								•
Приемопередатчики										
HP X111 100M SFP LC FX Transceiver	J9054C	\$254.00								•
Трансивер HP X121 1G SFP RJ45 T	J8177C	\$286.00								•
Трансивер HP X121 1G SFP LC SX	J4858C	\$435.00								•
Трансивер HP X112 100M SFP LC BX-D	J9099B	\$448.00								•
Трансивер HP X112 100M SFP LC BX-U	J9100B	\$448.00								•
Трансивер HP X121 1G SFP LC LX	J4859C	\$896.00								•
HP X122 1G SFP LC BX-D Transceiver	J9142B	\$1,146.00								•
Трансивер HP X122 1G SFP LC BX-U	J9143B	\$1,146.00								•
Трансивер HP X121 1G SFP LC LH	J4860C	\$3,956.00								•
Hardware Software Combo Support Services										

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 1 year Next business day Exchange Plus MSM110 Access Point Support	HU323E	\$10.00		•						
HP 1 year 4-Hour Exchange Plus MSM110 Access Point Support	HU324E	\$16.00		•						
HP 1 year Next business day Exchange Plus M220 Access Point Support	U7T13E	\$18.00					•			
HP 1 year Support Plus24 M110 Access Point Service	HR921E	\$20.00		•						
HP 3 year Next business day Exchange Plus MSM110 Access Point Support	HU325E	\$28.00		•						
HP 1 year 4 hour Exchange Plus M220 Access Point Support	U7T14E	\$30.00					•			
HP 4 year Next business day Exchange Plus MSM110 Access Point Support	HU327E	\$37.00		•						
HP 1 year Support Plus 24 M220 Access Point Service	U7T21E	\$38.00					•			
HP 3 year 4-Hour Exchange Plus MSM110 Access Point Support	HU326E	\$45.00		•						
HP 5 year Next business day Exchange Plus MSM110 Access Point Support	HU329E	\$46.00		•						
HP 3 year Next business day Exchange Plus M220 Access Point Support	U7T23E	\$53.00					•			
HP 3 year Support Plus 24 ProCurve M110 Service	UN694E	\$57.00		•						
HP 3 year Next business day Proactive Care MSM110 Access Point Service	U2M77E	\$59.00		•						
HP 4 year 4-Hour Exchange Plus MSM110 Access Point Support	HU328E	\$59.00		•						
HP 1 year Next business day Exchange Plus MSM430 AP Support	HV110E	\$60.00						•		
HP 1 year Next business day Exchange Plus MSM460 AP Support	HV118E	\$69.00						•		
HP 4 year Next business day Exchange Plus M220 Access Point Support	U7T38E	\$70.00					•			
HP 5 year 4-Hour Exchange Plus MSM110 Access Point Support	HU330E	\$73.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP MSM466-R Outdoor Access Poi Service	U4N80PE	\$74.00						•		
HP 4 year Support Plus 24 ProCurve M110 Service	US031E	\$75.00		•						
HP 4 year Next business day Proactive Care MSM110 Access Point Service	U2M78E	\$77.00		•						
HP 3 year 4 hour 24x7 Proactive Care MSM110 Access Point Service	U2M80E	\$80.00		•						
HP 1 year 4-Hour Exchange Plus MSM430 AP Support	HV111E	\$83.00						•		
HP 5 year Next business day Exchange Plus M220 Access Point Support	U7T51E	\$86.00					•			
HP 3 year 4 hour Exchange Plus M220 Access Point Support	U7T24E	\$87.00					•			
HP 5 year Support Plus 24 ProCurve M110 Service	US035E	\$92.00		•						
HP 5 year Next business day Proactive Care MSM110 Access Point Service	U2M79E	\$94.00		•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 1 year 4-Hour Exchange Plus MSM460 AP Support	HV119E	\$98.00						•		
HP 1 year Next business day Exchange Plus MSM710 Access Controller Support	U4D41E	\$98.00								•
HP 1 year Support Plus24 Networks MSM430 Access Point Service	HR626E	\$100.00						•		
HP 4 year 4 hour 24x7 Proactive Care MSM110 Access Point Service	U2M81E	\$105.00		•						
HP 3 year Support Plus 24 M220 Access Point Service	U7T37E	\$111.00					•			
HP 3 year Next business day M220 Access Point Proactive Service	U7T26E	\$113.00					•			
HP 4 year 4 hour Exchange Plus M220 Access Point Support	U7T39E	\$114.00					•			
HP 1 year Support Plus24 Networks MSM46x Access Point Service	HR621E	\$119.00						•		
HP 1 year Next business day Exchange Plus HP MSM466-R Outdoor Access Point Support	U4D26E	\$126.00						•		
HP 1 year Next business day Exchange Plus MSM710 Mobility Controller Support	U4D42E	\$126.00								•
HP 5 year 4 hour 24x7 Proactive Care MSM110 Access Point Service	U2M82E	\$128.00		•						
HP 5 year 4 hour Exchange Plus M220 Access Point Support	U7T52E	\$140.00					•			
HP 4 year Support Plus 24 M220 Access Point Service	U7T50E	\$145.00					•			
HP 4 year Next business day M220 Access Point Proactive Service	U7T40E	\$148.00					•			
HP 3 year 4 hour 24x7 M220 Access Point Proactive Service	U7T31E	\$155.00					•			
HP 1 year Post Warranty Next business day Exchange Networks HP MSM466-R Outdoor Access Poi Service	U4N81PE	\$167.00						•		
HP 3 year Next business day Exchange Plus MSM430 AP Support	HV112E	\$175.00						•		
HP 5 year Support Plus 24 M220 Access Point Service	U7T63E	\$178.00					•			
HP 5 year Next business day M220 Access Point Proactive Service	U7T53E	\$181.00					•			
HP 1 year Post Warranty Next business day Exchange Networks HP MSM466-R Outdoor Access Poi Service	U4N82PE	\$186.00						•		
HP 1 year 4-Hour Exchange Plus MSM710 Mobility Controller Support	U0T19E	\$189.00								•
HP 1 year 4-Hour Exchange Plus HP MSM466-R Outdoor Access Point Support	U0T03E	\$189.00						•		
HP 3 year Next business day Exchange Plus MSM460 AP Support	HV120E	\$202.00						•		
HP 4 year 4 hour 24x7 M220 Access Point Proactive Service	U7T44E	\$203.00					•			
HP 1 year Support Plus24 MSM710 Mobility Controller Service	HS523E	\$219.00								•

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 1 year Support Plus24 MSM466-R Access Point Service	UOR34E	\$219.00						•		
HP 3 year 6 hour 24x7 M220 Access Point Call to Repair Proactive Service	U7T34E	\$227.00					•			
HP 4 year Next business day Exchange Plus MSM430 AP Support	HV114E	\$229.00						•		
HP 3 year 4-Hour Exchange Plus MSM430 AP Support	HV113E	\$242.00						•		
HP 5 year 4 hour 24x7 M220 Access Point Proactive Service	U7T57E	\$249.00					•			
HP 4 year Next business day Exchange Plus MSM460 AP Support	HV122E	\$264.00						•		
HP 5 year Next business day Exchange Plus MSM430 AP Support	HV116E	\$281.00						•		
HP 1 year Post Warranty Next business day Exchange Networks HP MSM466-R Outdoor Access Poi Service	U4N83PE	\$282.00						•		
HP 3 year Next business day Exchange Plus MSM710 Access Controller Support	U4D92E	\$285.00								•
HP 3 year 4-Hour Exchange Plus MSM460 AP Support	HV121E	\$286.00						•		
HP 3 year Support Plus24 MSM430 Access Point Service	UY968E	\$290.00						•		
HP 4 year 6 hour 24x7 M220 Access Point Call to Repair Proactive Service	U7T47E	\$297.00					•			
HP 3 year Next business day Proactive Care MSM430 AP Service	U2S72E	\$306.00						•		
HP 4 year 4-Hour Exchange Plus MSM430 AP Support	HV115E	\$318.00						•		
HP 1 year Next business day Exchange Plus MSM720 Access Controller Support	U0Q45E	\$319.00								•
HP 5 year Next business day Exchange Plus MSM460 AP Support	HV124E	\$324.00						•		
HP 3 year Support Plus24 MSM46x Access Point Service	UY963E	\$346.00						•		
HP 1 year Post Warranty Support Plus 24 ProCurve MSM710 Access Controller Service	UN646PE	\$355.00								•
HP 3 year Next business day Proactive Care MSM46x AP Service	U2S63E	\$362.00						•		
HP 5 year 6 hour 24x7 M220 Access Point Call to Repair Proactive Service	U7T60E	\$364.00					•			
HP 3 year Next business day Exchange Plus MSM710 Mobility Controller Support	U4D93E	\$367.00								•
HP 3 year Next business day Exchange Plus HP MSM466-R Outdoor Access Point Support	U4D77E	\$367.00						•		
HP 4 year Next business day Exchange Plus MSM710 Access Controller Support	U4E43E	\$373.00								•
HP 4 year 4-Hour Exchange Plus MSM460 AP Support	HV123E	\$375.00						•		
HP 4 year Support Plus24 MSM430 Access Point Service	UY978E	\$380.00						•		
HP 5 year 4-Hour Exchange Plus MSM430 AP Support	HV117E	\$389.00						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 3 year 4 hour 24x7 Proactive Care MSM430 Access Point Service	U2S75E	\$390.00						•		
HP 1 year Post Warranty Support Plus 24 ProCurve MSM710 Mobility Controller Service	UN542PE	\$397.00								•
HP 4 year Next business day Proactive Care MSM430 AP Service	U2S73E	\$400.00						•		
HP 1 year 4-Hour Exchange Plus MSM720 Access Controller Support	U0Q46E	\$447.00								•
HP 4 year Support Plus24 MSM46x Access Point Service	UY973E	\$453.00						•		
HP 5 year Next business day Exchange Plus MSM710 Access Controller Support	U0S67E	\$457.00								•
HP 5 year 4-Hour Exchange Plus MSM460 AP Support	HV125E	\$459.00						•		
HP 5 year Support Plus24 MSM430 Access Point Service	UY988E	\$466.00						•		
HP 3 year 4 hour 24x7 Proactive Care MSM46x Access Point Service	U2S66E	\$468.00						•		
HP 4 year Next business day Proactive Care MSM46x AP Service	U2S64E	\$474.00						•		
HP 4 year Next business day Exchange Plus MSM710 Mobility Controller Support	U4E44E	\$480.00								•
HP 4 year Next business day Exchange Plus HP MSM466-R Outdoor Access Point Support	U4E28E	\$480.00						•		
HP 5 year Next business day Proactive Care MSM430 AP Service	U2S74E	\$491.00						•		
HP 4 year 4 hour 24x7 Proactive Care MSM430 AP Service	U2S76E	\$511.00						•		
HP 1 year Next business day Exchange Plus MSM760 Access Controller Support	U4D43E	\$515.00								•
HP 3 year Support Plus 24 ProCurve MSM710 Access Controller Service	UN642E	\$524.00								•
HP 1 year Support Plus 24 MSM720 Access Controller Service	U0Q54E	\$537.00								•
HP 3 year Next business day Proactive Care MSM710 Access Controller Service	U2L87E	\$537.00								•
HP 3 year 4-Hour Exchange Plus HP MSM466-R Outdoor Access Point Support	U0T54E	\$550.00						•		
HP 3 year 4-Hour Exchange Plus MSM710 Mobility Controller Support	U0T70E	\$550.00								•
HP 5 year Support Plus24 MSM46x Access Point Service	UY983E	\$555.00						•		
HP 5 year Next business day Proactive Care MSM46x AP Service	U2S65E	\$581.00						•		
HP 5 year Next business day Exchange Plus MSM710 Mobility Controller Support	U0S68E	\$589.00								•
HP 5 year Next business day Exchange Plus HP MSM466-R Outdoor Access Point Support	U0S52E	\$589.00						•		
HP 4 year 4 hour 24x7 Proactive Care MSM46x AP Service	U2S67E	\$613.00						•		
HP 5 year 4 hour 24x7 Proactive Care MSM430 AP Service	U2S77E	\$627.00						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 3 year Support Plus24 MSM466-R Access Point Service	U0R44E	\$674.00						•		
HP 3 year Support Plus 24 ProCurve MSM710 Mobility Controller Service	UN538E	\$674.00								•
HP 3 year Next business day Proactive Care MSM710 Mobility Controller Service	U2L69E	\$684.00								•
HP 3 year Next business day Proactive Care MSM466-R AP Service	U2U61E	\$684.00						•		
HP 4 year Next business day Proactive Care MSM710 Access Controller Service	U2L88E	\$707.00								•
HP 3 year 4 hour 24x7 Proactive Care MSM710 Access Controller Service	U2L90E	\$719.00								•
HP 4 year 4-Hour Exchange Plus HP MSM466-R Outdoor Access Point Support	U0U05E	\$720.00						•		
HP 4 year 4-Hour Exchange Plus MSM710 Mobility Controller Support	U0U21E	\$720.00								•
HP 5 year 4 hour 24x7 Proactive Care MSM46x AP Service	U2S68E	\$752.00						•		
HP 1 year 4-Hour Exchange Plus MSM760 Access Controller Support	U0T20E	\$774.00								•
HP 1 year Next business day Exchange Plus MSM765zl Mobility Controller Support	HV086E	\$851.00								•
HP 5 year Next business day Proactive Care MSM710 Access Controller Service	U2L89E	\$870.00								•
HP 5 year 4-Hour Exchange Plus HP MSM466-R Outdoor Access Point Support	U0U56E	\$883.00						•		
HP 5 year 4-Hour Exchange Plus MSM710 Mobility Controller Support	U0U72E	\$883.00								•
HP 4 year Support Plus24 MSM466-R Access Point Service	U0R54E	\$889.00						•		
HP 1 year Support Plus24 MSM760 Access Controller Service	HS508E	\$898.00								•
HP 4 year Next business day Proactive Care MSM710 Mobility Controller Service	U2L70E	\$901.00								•
HP 4 year Next business day Proactive Care MSM466-R AP Service	U2U62E	\$901.00						•		
HP 3 year 4 hour 24x7 Proactive Care MSM466-R AP Service	U2U64E	\$918.00						•		
HP 3 year 4 hour 24x7 Proactive Care MSM710 Mobility Controller Service	U2L72E	\$918.00								•
HP 3 year Next business day Exchange Plus MSM720 Access Controller Support	U0Q55E	\$929.00								•
HP 3 year 6 hour Call to Repair Proactive Care MSM710 Access Controller Service	U2L93E	\$934.00								•
HP 4 year 4 hour 24x7 Proactive Care MSM710 Access Controller Service	U2L91E	\$946.00								•
HP 5 year Support Plus24 MSM466-R Access Point Service	U0R64E	\$1,094.00						•		
HP 1 year Post Warranty Support Plus 24 ProCurve MSM760 Access Controller Service	UQ660PE	\$1,094.00								•
HP 5 year Next business day Proactive Care MSM710 Mobility Controller Service	U2L71E	\$1,109.00								•

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 5 year Next business day Proactive Care MSM466-R AP Service	U2U63E	\$1,109.00						•		
HP 5 year 4 hour 24x7 Proactive Care MSM710 Access Controller Service	U2L92E	\$1,163.00								•
HP 1 year 4-Hour Exchange Plus MSM760 Mobility Controller Support	HV087E	\$1,181.00								•
HP 4 year 4 hour 24x7 Proactive Care MSM466-R AP Service	U2U65E	\$1,208.00						•		
HP 4 year 4 hour 24x7 Proactive Care MSM710 Mobility Controller Service	U2L73E	\$1,208.00								•
HP 4 year Next business day Exchange Plus MSM720 Access Controller Support	U0Q65E	\$1,217.00								•
HP 4 year 6 hour Call to Repair Proactive Care MSM710 Access Controller Service	U2L94E	\$1,228.00								•
HP 3 year 4-Hour Exchange Plus MSM720 Access Controller Support	U0Q56E	\$1,299.00								•
HP 1 year Support Plus 24 MSM765 Mobility Controller Service	U0S00E	\$1,414.00								•
HP 5 year 4 hour 24x7 Proactive Care MSM710 Mobility Controller Service	U2L74E	\$1,485.00								•
HP 5 year 4 hour 24x7 Proactive Care MSM466-R AP Service	U2U66E	\$1,485.00						•		
HP 5 year Next business day Exchange Plus MSM720 Access Controller Support	U0Q75E	\$1,492.00								•
HP 3 year Next business day Exchange Plus MSM760 Access Controller Support	U4D94E	\$1,499.00								•
HP 5 year 6 hour Call to Repair Proactive Care MSM710 Access Controller Service	U2L95E	\$1,509.00								•
HP 3 year Support Plus24 MSM720 Access Controller Service	U0Q64E	\$1,562.00								•
HP 3 year Next business day Proactive Care MSM720AC Service	U2U52E	\$1,652.00								•
HP 4 year 4-Hour Exchange Plus MSM720 Access Controller Support	U0Q66E	\$1,702.00								•
HP 4 year Next business day Exchange Plus MSM760 Access Controller Support	U4E45E	\$1,962.00								•
HP 1 year Post Warranty Next business day Exchange Networks HP MSM466-R Outdoor Access Poi Service	U4N84PE	\$1,965.00						•		
HP 4 year Support Plus24 MSM720 Access Controller Service	U0Q74E	\$2,045.00								•
HP 5 year 4-Hour Exchange Plus MSM720 Access Controller Support	U0Q76E	\$2,086.00								•
HP 3 year 4 hour 24x7 Proactive Care MSM720 AC Service	U2U55E	\$2,119.00								•
HP 4 year Next business day Proactive Care MSM720AC Service	U2U53E	\$2,164.00								•
HP 3 year 4-Hour Exchange Plus MSM760 Access Controller Support	U0T71E	\$2,252.00								•
HP 5 year Next business day Exchange Plus MSM760 Access Controller Support	U0S69E	\$2,406.00								•
HP 3 year Next business day Exchange Plus MSM765zl Mobility Controller Support	HV088E	\$2,478.00								•

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 5 year Support Plus24 MSM720 Access Controller Service	U0Q84E	\$2,507.00								•
HP 5 year Next business day Proactive Care MSM720AC Service	U2U54E	\$2,653.00								•
HP 3 year Support Plus 24 ProCurve MSM760 Access Controller Service	UQ655E	\$2,763.00								•
HP 4 year 4 hour 24x7 Proactive Care MSM720 AC Service	U2U56E	\$2,775.00								•
HP 3 year Next business day Proactive Care MSM760 Access Controller Service	U2N04E	\$2,811.00								•
HP 4 year 4-Hour Exchange Plus MSM760 Access Controller Support	U0U22E	\$2,949.00								•
HP 4 year Next business day Exchange Plus MSM765zl Mobility Controller Support	HV090E	\$3,245.00								•
HP 5 year 4 hour 24x7 Proactive Care MSM720 AC Service	U2U57E	\$3,402.00								•
HP 3 year 4 hour Exchange Plus MSM765 Mobility Controller Support	HV089E	\$3,436.00								•
HP 5 year 4-Hour Exchange Plus MSM760 Access Controller Support	U0U73E	\$3,615.00								•
HP 4 year Next business day Proactive Care MSM760 Access Controller Service	U2N05E	\$3,705.00								•
HP 3 year 4 hour 24x7 Proactive Care MSM760 Access Controller Service	U2N07E	\$3,773.00								•
HP 5 year Next business day Exchange Plus MSM765zl Mobility Controller Support	HV092E	\$3,978.00								•
HP 3 year Support Plus 24 ProCurve MSM765 Service	UQ604E	\$4,116.00								•
HP 3 year Next business day Proactive Care MSM765zl Mobility Controller Service	U2N13E	\$4,333.00								•
HP 4 year 4 hour Exchange Plus MSM765 Mobility Controller Support	HV091E	\$4,500.00								•
HP 5 year Next business day Proactive Care MSM760 Access Controller Service	U2N06E	\$4,559.00								•
HP 4 year 4 hour 24x7 Proactive Care MSM760 Access Controller Service	U2N08E	\$4,965.00								•
HP 4 year Support Plus 24 ProCurve MSM765 Service	UQ608E	\$5,390.00								•
HP 5 year 4 hour Exchange Plus MSM765 Mobility Controller Support	HV093E	\$5,517.00								•
HP 3 year 4 hour 24x7 Proactive Care MSM765zl Mobility Controller Service	U2N16E	\$5,542.00								•
HP 4 year Next business day Proactive Care MSM765zl Mobility Controller Service	U2N14E	\$5,674.00								•
HP 5 year 4 hour 24x7 Proactive Care MSM760 Access Controller Service	U2N09E	\$6,104.00								•
HP 5 year Support Plus 24 ProCurve MSM765 Service	UQ612E	\$6,608.00								•
HP 5 year Next business day Proactive Care MSM765zl Mobility Controller Service	U2N15E	\$6,956.00								•
HP 4 year 4 hour 24x7 Proactive Care MSM765zl Mobility Controller Service	U2N17E	\$7,258.00								•

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Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 5 year 4 hour 24x7 Proactive Care MSM765zl Mobility Controller Service	U2N18E	\$8,898.00								•
Hardware Support Services										
HP 1 year 4 hour 13x5 M110 Access Point Hardware Support	HR919E	\$17.00		•						
HP 1 year 4 hour 24x7 M110 Access Point Hardware Support	HR920E	\$19.00		•						
HP 1 year 4 hour 13x5 M220 Access Point Hardware Support	U7T15E	\$34.00					•			
HP 1 year 4 hour 24x7 M220 Access Point Hardware Support	U7T17E	\$38.00					•			
HP 3 year 4 hour Response 13x5 ProCurve M110 Hardware Support	UN691E	\$50.00		•						
HP 3 year 24x7 ProCurve M110 Hardware Support	UN692E	\$55.00		•						
HP 1 year 6 hour 24x7 Call to Repair M220 Access Point Hardware Support	U7T19E	\$63.00					•			
HP 4 year 4 hour Response 13x5 ProCurve M110 Hardware Support	US029E	\$65.00		•						
HP 1 year 4 hour 13x5 Networks MSM430 Access Point Hardware Support	HR624E	\$68.00						•		
HP 4 year 24x7 ProCurve M110 Hardware Support	US030E	\$73.00		•						
HP 1 year Post Warranty Next business day exchange ProCurve MSM710 Mobility Controller Service	UN539PE	\$74.00								•
HP 3 year Business Day Hardware Exchange MSM466-R Access Point Support	UOR65E	\$74.00						•		
HP 1 year 4 hour 24x7 Networks MSM430 Access Point Hardware Support	HR625E	\$76.00						•		
HP 5 year 4 hour Response 13x5 ProCurve M110 Hardware Support	US033E	\$80.00		•						
HP 1 year 4 hour 13x5 Networks MSM46x Access Point Hardware Support	HR619E	\$85.00						•		
HP 5 year 24x7 ProCurve M110 Hardware Support	US034E	\$89.00		•						
HP 1 year 4 hour 24x7 Networks MSM46x Access Point Hardware Support	HR620E	\$95.00						•		
HP 3 year 4 hour 13x5 M220 Access Point Hardware Support	U7T27E	\$99.00					•			
HP 3 year 4 hour 24x7 M220 Access Point Hardware Support	U7T30E	\$111.00					•			
HP 4 year 4 hour 13x5 M220 Access Point Hardware Support	U7T41E	\$130.00					•			
HP 1 year Post Warranty 4 hour 13x5 ProCurve MSM710 Access Controller Hardware Support	UN644PE	\$130.00								•
HP 4 year 4 hour 24x7 M220 Access Point Hardware Support	U7T43E	\$145.00					•			
HP 1 year Post Warranty 24x7 ProCurve MSM710 Access Controller Hardware Support	UN645PE	\$145.00								•
HP 1 year 4 hour 13x5 MSM466-R Access Point Hardware Support	UOR27E	\$148.00						•		
HP 1 year 4 hour 13x5 MSM710 Mobility Controller Hardware Support	HS521E	\$148.00								•

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Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 5 year 4 hour 13x5 M220 Access Point Hardware Support	U7T54E	\$159.00					•			
HP 1 year 4 hour 24x7 MSM466-R Access Point Hardware Support	UOR29E	\$167.00						•		
HP 1 year 4 hour 24x7 MSM710 Mobility Controller Hardware Support	HS522E	\$167.00								•
HP 1 year Post Warranty 4 hour 13x5 ProCurve MSM710 Mobility Controller Hardware Support	UN540PE	\$167.00								•
HP 5 year 4 hour 24x7 M220 Access Point Hardware Support	U7T56E	\$178.00					•			
HP 3 year 6 hour 24x7 Call to Repair M220 Access Point Hardware Support	U7T33E	\$182.00					•			
HP 1 year Post Warranty 24x7 ProCurve MSM710 Mobility Controller Hardware Support	UN541PE	\$186.00								•
HP 3 year 4 hour 13x5 MSM430 Access Point Hardware Support	UY966E	\$198.00						•		
HP 3 year Next business day exchange ProCurve MSM710 Mobility Controller Service	UN535E	\$216.00								•
HP 1 year Post Warranty Next business day Exchange Networks MSM710 Access Controller Service	U4F27PE	\$219.00								•
HP 3 year 4 hour 24x7 MSM430 Access Point Hardware Support	UY967E	\$222.00						•		
HP 4 year 6 hour 24x7 Call to Repair M220 Access Point Hardware Support	U7T46E	\$238.00					•			
HP 3 year 4 hour 13x5 MSM46x Access Point Hardware Support	UY961E	\$248.00						•		
HP 4 year 4 hour 13x5 MSM430 Access Point Hardware Support	UY976E	\$260.00						•		
HP 3 year 4 hour 24x7 MSM46x Access Point Hardware Support	UY962E	\$277.00						•		
HP 1 year Post Warranty Next business day Exchange Networks MSM710 Mobility Controller Service	U4F24PE	\$282.00								•
HP 4 year 4 hour 24x7 MSM430 Access Point Hardware Support	UY977E	\$290.00						•		
HP 5 year 6 hour 24x7 Call to Repair M220 Access Point Hardware Support	U7T59E	\$292.00					•			
HP 1 year Post Warranty Next Business Day Exchange ProCurve MSM760 Service	UQ657PE	\$305.00								•
HP 5 year 4 hour 13x5 MSM430 Access Point Hardware Support	UY986E	\$319.00						•		
HP 4 year 4 hour 13x5 MSM46x Access Point Hardware Support	UY971E	\$325.00						•		
HP 5 year 4 hour 24x7 MSM430 Access Point Hardware Support	UY987E	\$356.00						•		
HP 4 year 4 hour 24x7 MSM46x Access Point Hardware Support	UY972E	\$363.00						•		
HP 3 year 4 hour Response 13x5 ProCurve MSM710 Access Controller Hardware Support	UN640E	\$364.00								•
HP 1 year 4 hour 13x5 MSM720 Access Controller Hardware Support	UOQ47E	\$375.00								•

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Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 5 year 4 hour 13x5 MSM46x Access Point Hardware Support	UY981E	\$398.00						•		
HP 3 year 24x7 ProCurve MSM710 Access Controller Hardware Support	UN641E	\$407.00								•
HP 1 year 4 hour 24x7 MSM720 Access Controller Hardware Support	UOQ49E	\$419.00								•
HP 5 year 4 hour 24x7 MSM46x Access Point Hardware Support	UY982E	\$445.00						•		
HP 3 year 4 hour 13x5 MSM466-R Access Point Hardware Support	UOR37E	\$468.00						•		
HP 3 year 4 hour Response 13x5 ProCurve MSM710 Mobility Controller Hardware Support	UN536E	\$468.00								•
HP 3 year 24x7 ProCurve MSM710 Mobility Controller Hardware Support	UN537E	\$523.00								•
HP 3 year 4 hour 24x7 MSM466-R Access Point Hardware Support	UOR39E	\$523.00						•		
HP 1 year 4 hour 13x5 MSM760 Access Controller Hardware Support	HS506E	\$609.00								•
HP 4 year 4 hour 13x5 MSM466-R Access Point Hardware Support	UOR47E	\$618.00						•		
HP 3 year 6 hour CTR ProCurve MSM710 Access Controller Hardware Support	UW331E	\$623.00								•
HP 1 year 4 hour 24x7 MSM760 Access Controller Hardware Support	HS507E	\$687.00								•
HP 1 year Post Warranty 4 hour 13x5 ProCurve MSM760 Hardware Support	UQ658PE	\$687.00								•
HP 4 year 4 hour 24x7 MSM466-R Access Point Hardware Support	UOR49E	\$691.00						•		
HP 5 year 4 hour 13x5 MSM466-R Access Point Hardware Support	UOR57E	\$762.00						•		
HP 1 year Post Warranty 24x7 ProCurve MSM760 Hardware Support	UQ659PE	\$766.00								•
HP 5 year 4 hour 24x7 MSM466-R Access Point Hardware Support	UOR59E	\$851.00						•		
HP 3 year Next business day Exchange Networks MSM760 Access Controller Service	U4F01E	\$886.00								•
HP 1 year 4 hour 13x5 MSM765 Mobility Controller Hardware Support	UOR98E	\$972.00								•
HP 1 year 4 hour 24x7 MSM765 Mobility Controller Hardware Support	UOR99E	\$1,086.00								•
HP 3 year 4 hour 13x5 MSM720 Access Controller Hardware Support	UOQ57E	\$1,092.00								•
HP 1 year Post Warranty Next business day Exchange Networks MSM760 Access Controller Service	U4F31PE	\$1,157.00								•
HP 3 year 4 hour 24x7 MSM720 Access Controller Hardware Support	UOQ59E	\$1,220.00								•
HP 4 year 4 hour 13x5 MSM720 Access Controller Hardware Support	UOQ67E	\$1,430.00								•
HP 4 year 4 hour 24x7 MSM720 Access Controller Hardware Support	UOQ69E	\$1,597.00								•
HP 5 year 4 hour 13x5 MSM720 Access Controller Hardware Support	UOQ77E	\$1,753.00								•

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Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 5 year 4 hour 24x7 MSM720 Access Controller Hardware Support	UQ79E	\$1,958.00								•
HP 3 year 4 hour Response 13x5 ProCurve MSM765 Hardware Support	UQ601E	\$2,828.00								•
HP 3 year 4 hour Response 13x5 ProCurve MSM760 Hardware Support	UQ653E	\$2,963.00								•
HP 3 year 24x7 ProCurve MSM765 Hardware Support	UQ602E	\$3,160.00								•
HP 3 year 24x7 ProCurve MSM760 Hardware Support	UQ654E	\$3,314.00								•
HP 4 year 4 hour Response 13x5 ProCurve MSM765 Hardware Support	UQ605E	\$3,704.00								•
HP 4 year 24x7 ProCurve MSM765 Hardware Support	UQ606E	\$4,138.00								•
HP 5 year 4 hour Response 13x5 ProCurve MSM765 Hardware Support	UQ609E	\$4,541.00								•
HP 5 year 24x7 ProCurve MSM765 Hardware Support	UQ610E	\$5,073.00								•
Software Support Services										
HP 1 year 24x7 M110 Access Point Software Support	HR922E	\$1.00		•						
HP 4 year 24x7 ProCurve M110 Software Support	US032E	\$2.00		•						
HP 3 year 24x7 ProCurve M110 Software Support	UN693E	\$2.00		•						
HP 5 year 24x7 ProCurve M110 Software Support	US036E	\$3.00		•						
HP 1 year Networks MSM430 Access Point Software Support	HR627E	\$24.00						•		
HP 1 year Networks MSM46x Access Point Software Support	HR622E	\$24.00						•		
HP 1 year 24x7 MSM710 Access Controller Software Support	HS519E	\$40.00								•
HP 1 year 24x7 MSM710 Mobility Controller Software Support	HS524E	\$52.00								•
HP 1 year 24x7 MSM466-R Access Point Software Support	UOR33E	\$52.00						•		
HP 3 year 24x7 MSM46x Access Point Software Support	UY964E	\$68.00						•		
HP 3 year 24x7 MSM430 Access Point Software Support	UY969E	\$68.00						•		
HP 4 year 24x7 MSM46x Access Point Software Support	UY974E	\$90.00						•		
HP 4 year 24x7 MSM430 Access Point Software Support	UY979E	\$90.00						•		
HP 3 year 9x5 ProCurve MSM710 Access Controller Software Support	UQ583E	\$103.00								•
HP 5 year 24x7 MSM430 Access Point Software Support	UY989E	\$110.00						•		
HP 5 year 24x7 MSM46x Access Point Software Support	UY984E	\$110.00						•		
HP 3 year 24x7 ProCurve MSM710 Access Controller Software Support	UQ584E	\$117.00								•
HP 1 year 24x7 MSM720 Access Controller Software Support	UOQ53E	\$118.00								•

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Product options	Part number	lp	HP AirProtect Wireless Security Series	HP M110 Access Point Series	HP M111 Client Bridge Series	HP M200-802.11n Access Point Series	HP M220 802.11n Access Point Series	HP MSM-802.11n Dual Radio Access Point Series	HP MSM317 Access Device Series	HP ProCurve MSM760 Access Controller
HP 3 year 9x5 ProCurve MSM710 Mobility Controller Software Support	UQ581E	\$137.00								•
HP 3 year 24x7 ProCurve MSM710 Mobility Controller Software Support	UQ582E	\$151.00								•
HP 3 year 24x7 MSM466-R Access Point Software Support	U0R43E	\$151.00						•		
HP 4 year 24x7 MSM466-R Access Point Software Support	U0R53E	\$198.00						•		
HP 1 year 24x7 MSM760 Access Controller Software Support	HS509E	\$210.00								•
HP 5 year 24x7 MSM466-R Access Point Software Support	U0R63E	\$243.00						•		
HP 1y 24x7 MSM765 MC SW Support	U0S01E	\$329.00								•
HP 3 year 24x7 MSM720 Access Controller Software Support	U0Q63E	\$342.00								•
HP 4 year 24x7 MSM720 Access Controller Software Support	U0Q73E	\$448.00								•
HP 3 year 9x5 ProCurve MSM760 Access Controller Software Support	UQ613E	\$548.00								•
HP 5 year 24x7 MSM720 Access Controller Software Support	U0Q83E	\$549.00								•
HP 3 year 24x7 ProCurve MSM760 Access Controller Software Support	UQ614E	\$612.00								•
HP 3 year 9x5 ProCurve MSM765 Mobility Controller Software Support	UQ617E	\$856.00								•
HP 3 year 24x7 ProCurve MSM765 Mobility Controller Software Support	UQ618E	\$956.00								•
HP 4 year 24x7 ProCurve MSM765 Software Support	UQ607E	\$1,252.00								•
HP 5 year 24x7 ProCurve MSM765 Software Support	UQ611E	\$1,535.00								•
Услуги по обучению										
HP Ed Education ProCurve Svc	HH245E	\$270.00						•		•

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Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	Мобильные интегрированные точки доступа HP ProCurve	Мобильные точки доступа HP ProCurve Multi-service	Мобильные точки доступа HP ProCurve Multi-service для наружного размещения	Система безопасности HP ProCurve Mobility Security IDS/IPS
Switch Rackmount/Rail Kits						
Монтажный кронштейн для точки доступа HP E-MSM310/320	J9403A	\$31.00	•	•		
Беспроводные антенны						
HP 5 dBi Indoor/Outdoor Omnidirectional Antenna	J8441A	N/A	•	•		
HP 7 dBi Dual Band Directional Antenna	J8999A	N/A		•		
HP Antenna Lightning Arrester	J8996A	N/A		•		
HP 3 dBi Dual Band Diversity Antenna	J8997A	N/A	•	•		
Всенаправленная антенна HP Dual Band Indoor	J9401A	\$31.00		•	•	
HP 8 dBi Outdoor Omnidirectional Antenna	J8444A	\$211.00	•	•		
Блоки питания для сетей						
HP MSM31x/MSM32x Power Supply	J9405B	\$28.00	•	•		
HP 1-port Power Injector	J9407B	\$71.00		•	•	
Лицензии HP ProCurve Networking						
Лицензия на обновление HP RF Manager, дополнительные 50 датчиков	J9399A	\$6,148.00				•
Hardware Software Combo Support Services						
HP 1 year Next business day Exchange Plus MSM310 Access Point Support	HV150E	\$30.00		•		
HP 1 year Next business day Exchange Plus MSM320 Access Point Support	HS830E	\$30.00			•	
HP 1 year Next business day Exchange Plus MSM313 Access Point Support	HV134E	\$30.00	•			
HP 1 year Next business day Exchange Plus MSM310-R Access Point Support	U4D38E	\$31.00		•		
HP 1 year 4-Hour Exchange Plus MSM313 Access Point Support	HV135E	\$42.00	•			
HP 1 year 4-Hour Exchange Plus MSM320 Access Point Support	HS831E	\$42.00			•	
HP 1 year 4-Hour Exchange Plus MSM310 Access Point Support	HV151E	\$42.00		•		
HP 1 year Support Plus24 MSM310 Access Point Service	HR926E	\$50.00		•		
HP 1 year Support Plus24 MSM313 Access Point Service	HR936E	\$50.00	•			
HP 1 year Support Plus24 MSM320 Access Point Service	HR941E	\$50.00			•	
HP 1 year Next business day Exchange Plus MSM320-R Access Point Support	U4D39E	\$51.00		•		
HP 3 year Next business day Exchange Plus MSM313 Access Point Support	HV136E	\$88.00	•			
HP 3 year Next business day Exchange Plus MSM335 Access Point Support	HV128E	\$88.00		•		
HP 3 year Next business day Exchange Plus MSM325 Access Point Support	HV144E	\$88.00		•		
HP 3 year Next business day Exchange Plus MSM310 Access Point Support	HV152E	\$88.00		•		
HP 3 year Next business day Exchange Plus MSM320 Access Point Support	HS832E	\$88.00		•	•	

Quick Reference Compatibility Guide

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Product options	Part number	lp	Мобильные интегрированные точки доступа HP ProCurve	Мобильные точки доступа HP ProCurve Multi-service	Мобильные точки доступа HP ProCurve Multi-service для наружного размещения	Система безопасности HP ProCurve Mobility Security IDS/IPS
HP 3 year Next business day Exchange Plus MSM422 Access Point Support	HV104E	\$88.00			•	
HP 3 year Next business day Exchange Plus MSM310-R AccessPoint Support	U4D89E	\$89.00		•		
HP 4 year Next business day Exchange Plus MSM313 Access Point Support	HV138E	\$115.00	•			
HP 4 year Next business day Exchange Plus MSM320 Access Point Support	HS834E	\$115.00		•	•	
HP 4 year Next business day Exchange Plus MSM422 Access Point Support	HV106E	\$115.00			•	
HP 4 year Next business day Exchange Plus MSM325 Access Point Support	HV146E	\$115.00		•		
HP 4 year Next business day Exchange Plus MSM310 Access Point Support	HU319E	\$115.00		•		
HP 4 year Next business day Exchange Plus MSM335 Access Point Support	HV130E	\$115.00		•		
HP 4 year Next business day Exchange Plus MSM310-R AccessPoint Support	U4E40E	\$117.00		•		
HP 3 year 4-Hour Exchange Plus MSM313 Access Point Support	HV137E	\$121.00	•			
HP 3 year 4-Hour Exchange Plus MSM335 Access Point Support	HV129E	\$121.00		•		
HP 3 year 4-Hour Exchange Plus MSM310 Access Point Support	HU318E	\$121.00		•		
HP 3 year 4-Hour Exchange Plus MSM320 Access Point Support	HS833E	\$121.00		•	•	
HP 3 year 4-Hour Exchange Plus MSM422 Access Point Support	HV105E	\$121.00			•	
HP 3 year 4-Hour Exchange Plus MSM325 Access Point Support	HV145E	\$121.00		•		
HP 5 year Next business day Exchange Plus MSM335 Access Point Support	HV132E	\$141.00		•		
HP 5 year Next business day Exchange Plus MSM313 Access Point Support	HV140E	\$141.00	•			
HP 5 year Next business day Exchange Plus MSM320 Access Point Support	HS836E	\$141.00		•	•	
HP 5 year Next business day Exchange Plus MSM310 Access Point Support	HU321E	\$141.00		•		
HP 5 year Next business day Exchange Plus MSM422 Access Point Support	HV108E	\$141.00			•	
HP 5 year Next business day Exchange Plus MSM325 Access Point Support	HV148E	\$141.00		•		
HP 5 year Next business day Exchange Plus MSM310-R AccessPoint Support	U0S64E	\$143.00		•		
HP 3 year Support Plus 24 ProCurve MSM320 Service	UN686E	\$145.00		•	•	
HP 3 year Support Plus 24 ProCurve MSM422 Service	UN670E	\$145.00			•	
HP 3 year Support Plus 24 ProCurve MSM335 Service	UN674E	\$145.00		•		
HP 3 year Support Plus 24 ProCurve MSM313 Service	UN678E	\$145.00	•			

Quick Reference Compatibility Guide

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Product options	Part number	lp	Мобильные интегрированные точки доступа HP ProCurve	Мобильные точки доступа HP ProCurve Multi-service	Мобильные точки доступа HP ProCurve Multi-service для наружного размещения	Система безопасности HP ProCurve Mobility Security IDS/IPS
HP 3 year Support Plus 24 ProCurve MSM310 Service	UN690E	\$145.00		•		
HP 3 year Support Plus 24 ProCurve MSM325 Service	UN682E	\$145.00		•		
HP 3 year Next business day Exchange Plus MSM320-R AccessPoint Support	U4D90E	\$147.00		•		
HP 3 year Next business day Proactive Care MSM325 Access Point Service	U2M50E	\$158.00		•		
HP 3 year Support Plus 24 ProCurve MSM310-R Access Point Service	UN650E	\$158.00		•		
HP 3 year Next business day Proactive Care MSM335 Access Point Service	U2M32E	\$158.00		•		
HP 3 year Next business day Proactive Care MSM422 Access Point Service	U2M23E	\$158.00			•	
HP 3 year Next business day Proactive Care MSM313 Access Point Service	U2M41E	\$158.00	•			
HP 3 year Next business day Proactive Care MSM310 Access Point Service	U2M68E	\$158.00		•		
HP 3 year Next business day Proactive Care MSM320 Access Point Service	U2M59E	\$158.00		•	•	
HP 4 year 4-Hour Exchange Plus MSM310 Access Point Support	HU320E	\$159.00		•		
HP 4 year 4-Hour Exchange Plus MSM422 Access Point Support	HV107E	\$159.00			•	
HP 4 year 4-Hour Exchange Plus MSM320 Access Point Support	HS835E	\$159.00		•	•	
HP 4 year 4-Hour Exchange Plus MSM335 Access Point Support	HV131E	\$159.00		•		
HP 4 year 4-Hour Exchange Plus MSM325 Access Point Support	HV147E	\$159.00		•		
HP 4 year 4-Hour Exchange Plus MSM313 Access Point Support	HV139E	\$159.00	•			
HP 3 year Next business day Proactive Care MSM310-R Access Point Service	U2L96E	\$167.00		•		
HP 4 year Support Plus 24 ProCurve MSM422 Service	UR982E	\$190.00			•	
HP 4 year Support Plus 24 ProCurve MSM310 Service	US023E	\$190.00		•		
HP 4 year Support Plus 24 ProCurve MSM313 Service	UR998E	\$190.00	•			
HP 4 year Support Plus 24 ProCurve MSM335 Service	UR990E	\$190.00		•		
HP 4 year Support Plus 24 ProCurve MSM325 Service	US007E	\$190.00		•		
HP 4 year Support Plus 24 ProCurve 320/410 Service	US015E	\$190.00		•	•	
HP 4 year Next business day Exchange Plus MSM320-R AccessPoint Support	U4E41E	\$193.00		•		
HP 5 year 4-Hour Exchange Plus MSM335 Access Point Support	HV133E	\$195.00		•		
HP 5 year 4-Hour Exchange Plus MSM320 Access Point Support	HS837E	\$195.00		•	•	

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Product options	Part number	lp	Мобильные интегрированные точки доступа HP ProCurve	Мобильные точки доступа HP ProCurve Multi-service	Мобильные точки доступа HP ProCurve Multi-service для наружного размещения	Система безопасности HP ProCurve Mobility Security IDS/IPS
HP 5 year 4-Hour Exchange Plus MSM325 Access Point Support	HV149E	\$195.00		•		
HP 5 year 4-Hour Exchange Plus MSM313 Access Point Support	HV141E	\$195.00	•			
HP 5 year 4-Hour Exchange Plus MSM422 Access Point Support	HV109E	\$195.00			•	
HP 5 year 4-Hour Exchange Plus MSM310 Access Point Support	HU322E	\$195.00		•		
HP 3 year 4 hour 24x7 Proactive Care MSM325 Access Point Service	U2M53E	\$201.00		•		
HP 3 year 4 hour 24x7 Proactive Care MSM313 Access Point Service	U2M44E	\$201.00	•			
HP 3 year 4 hour 24x7 Proactive Care MSM320 Access Point Service	U2M62E	\$201.00		•	•	
HP 3 year 4 hour 24x7 Proactive Care MSM335 Access Point Service	U2M35E	\$201.00		•		
HP 3 year 4 hour 24x7 Proactive Care MSM422 Access Point Service	U2M26E	\$201.00			•	
HP 3 year 4 hour 24x7 Proactive Care MSM310 Access Point Service	U2M71E	\$201.00		•		
HP 4 year Next business day Proactive Care MSM335 Access Point Service	U2M33E	\$207.00		•		
HP 4 year Next business day Proactive Care MSM422 Access Point Service	U2M24E	\$207.00			•	
HP 4 year Next business day Proactive Care MSM320 Access Point Service	U2M60E	\$207.00		•	•	
HP 4 year Next business day Proactive Care MSM313 Access Point Service	U2M42E	\$207.00	•			
HP 4 year Next business day Proactive Care MSM310 Access Point Service	U2M69E	\$207.00		•		
HP 4 year Next business day Proactive Care MSM325 Access Point Service	U2M51E	\$207.00		•		
HP 3 year 4 hour 24x7 Proactive Care MSM310-R Access Point Service	U2L99E	\$219.00		•		
HP 4 year Next business day Proactive Care MSM310-R Access Point Service	U2L97E	\$219.00		•		
HP 5 year Support Plus 24 ProCurve MSM325 Service	US011E	\$233.00		•		
HP 5 year Support Plus 24 ProCurve MSM422 Service	UR986E	\$233.00			•	
HP 5 year Support Plus 24 ProCurve MSM335 Service	UR994E	\$233.00		•		
HP 5 year Support Plus 24 ProCurve MSM313 Service	US003E	\$233.00	•			
HP 5 year Support Plus 24 ProCurve 320/410 Service	US019E	\$233.00		•	•	
HP 5 year Support Plus 24 ProCurve MSM310 Service	US027E	\$233.00		•		
HP 5 year Next business day Exchange Plus MSM320-R AccessPoint Support	U0S65E	\$237.00		•		
HP 3 year Support Plus 24 ProCurve MSM320-R Access Point Service	UN554E	\$250.00		•		

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HP 1 year Post Warranty Support Plus 24 ProCurve MSM310-R Access Point Service	UN654PE	\$252.00		•		
HP 5 year Next business day Proactive Care MSM422 Access Point Service	U2M25E	\$254.00			•	
HP 5 year Next business day Proactive Care MSM320 Access Point Service	U2M61E	\$254.00		•	•	
HP 5 year Next business day Proactive Care MSM313 Access Point Service	U2M43E	\$254.00	•			
HP 5 year Next business day Proactive Care MSM335 Access Point Service	U2M34E	\$254.00		•		
HP 5 year Next business day Proactive Care MSM310 Access Point Service	U2M70E	\$254.00		•		
HP 5 year Next business day Proactive Care MSM325 Access Point Service	U2M52E	\$254.00		•		
HP 3 year Next business day Proactive Care MSM320-R Access Point Service	U2L78E	\$257.00		•		
HP 4 year 4 hour 24x7 Proactive Care MSM320 Access Point Service	U2M63E	\$263.00		•	•	
HP 4 year 4 hour 24x7 Proactive Care MSM422 Access Point Service	U2M27E	\$263.00			•	
HP 4 year 4 hour 24x7 Proactive Care MSM313 Access Point Service	U2M45E	\$263.00	•			
HP 4 year 4 hour 24x7 Proactive Care MSM325 Access Point Service	U2M54E	\$263.00		•		
HP 4 year 4 hour 24x7 Proactive Care MSM310 Access Point Service	U2M72E	\$263.00		•		
HP 4 year 4 hour 24x7 Proactive Care MSM335 Access Point Service	U2M36E	\$263.00		•		
HP 1 year Next business day Exchange Plus NAC 800 Support	U4D45E	\$266.00				•
HP 5 year Next business day Proactive Care MSM310-R Access Point Service	U2L98E	\$270.00		•		
HP 3 year 6 hour Call to Repair Proactive Care MSM422 Access Point Service	U2M29E	\$272.00			•	
HP 3 year 6 hour Call to Repair Proactive Care MSM313 Access Point Service	U2M47E	\$272.00	•			
HP 3 year 6 hour Call to Repair Proactive Care MSM320 Access Point Service	U2M65E	\$272.00		•		
HP 3 year 6 hour Call to Repair Proactive Care MSM325 Access Point Service	U2M56E	\$272.00		•		
HP 3 year 6 hour Call to Repair Proactive Care MSM335 Access Point Service	U2M38E	\$272.00		•		
HP 1 year Post Warranty Support Plus 24 ProCurve MSM320-R Access Point Service	UN638PE	\$272.00		•		
HP 3 year 6 hour Call to Repair Proactive Care MSM310-R Access Point Service	U2M02E	\$280.00		•		
HP 4 year 4 hour 24x7 Proactive Care MSM310-R Access Point Service	U2M00E	\$288.00		•		
HP 5 year 4 hour 24x7 Proactive Care MSM320 Access Point Service	U2M64E	\$323.00		•	•	
HP 5 year 4 hour 24x7 Proactive Care MSM313 Access Point Service	U2M46E	\$323.00	•			

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HP 5 year 4 hour 24x7 Proactive Care MSM310 Access Point Service	U2M73E	\$323.00		•		
HP 5 year 4 hour 24x7 Proactive Care MSM335 Access Point Service	U2M37E	\$323.00		•		
HP 5 year 4 hour 24x7 Proactive Care MSM325 Access Point Service	U2M55E	\$323.00		•		
HP 5 year 4 hour 24x7 Proactive Care MSM422 Access Point Service	U2M28E	\$323.00			•	
HP 3 year 4 hour 24x7 Proactive Care MSM320-R Access Point Service	U2L81E	\$335.00		•		
HP 4 year Next business day Proactive Care MSM320-R Access Point Service	U2L79E	\$339.00		•		
HP 5 year 4 hour 24x7 Proactive Care MSM310-R Access Point Service	U2M01E	\$353.00		•		
HP 4 year 6 hour Call to Repair Proactive Care MSM320 Access Point Service	U2M66E	\$356.00		•		
HP 4 year 6 hour Call to Repair Proactive Care MSM325 Access Point Service	U2M57E	\$356.00		•		
HP 4 year 6 hour Call to Repair Proactive Care MSM313 Access Point Service	U2M48E	\$356.00	•			
HP 4 year 6 hour Call to Repair Proactive Care MSM335 Access Point Service	U2M39E	\$356.00		•		
HP 4 year 6 hour Call to Repair Proactive Care MSM422 Access Point Service	U2M30E	\$356.00			•	
HP 4 year 6 hour Call to Repair Proactive Care MSM310-R Access Point Service	U2M03E	\$368.00		•		
HP 5 year Next business day Proactive Care MSM320-R Access Point Service	U2L80E	\$417.00		•		
HP 1 year 4-Hour Exchange Plus NAC 800 Support	U0T22E	\$420.00				•
HP 3 year 6 hour Call to Repair Proactive Care MSM320-R Access Point Service	U2L84E	\$428.00		•		
HP 5 year 6 hour Call to Repair Proactive Care MSM313 Access Point Service	U2M49E	\$437.00	•			
HP 5 year 6 hour Call to Repair Proactive Care MSM335 Access Point Service	U2M40E	\$437.00		•		
HP 5 year 6 hour Call to Repair Proactive Care MSM320 Access Point Service	U2M67E	\$437.00		•		
HP 5 year 6 hour Call to Repair Proactive Care MSM422 Access Point Service	U2M31E	\$437.00			•	
HP 5 year 6 hour Call to Repair Proactive Care MSM325 Access Point Service	U2M58E	\$437.00		•		
HP 4 year 4 hour 24x7 Proactive Care MSM320-R Access Point Service	U2L82E	\$441.00		•		
HP 5 year 6 hour Call to Repair Proactive Care MSM310-R Access Point Service	U2M04E	\$452.00		•		
HP 1 year Support Plus24 RF Manager Controller with 50 sensor license Service	HS002E	\$494.00				•
HP 5 year 4 hour 24x7 Proactive Care MSM320-R Access Point Service	U2L83E	\$542.00		•		
HP 4 year 6 hour Call to Repair Proactive Care MSM320-R Access Point Service	U2L85E	\$562.00		•		

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HP 5 year 6 hour Call to Repair Proactive Care MSM320-R Access Point Service	U2L86E	\$690.00		•		
HP 3 year Next business day Exchange Plus NAC 800 Support	U4D96E	\$775.00				•
HP 4 year Next business day Exchange Plus NAC 800 Support	U0S20E	\$1,015.00				•
HP 3 year 4-Hour Exchange Plus NAC 800 Support	U0T73E	\$1,223.00				•
HP 5 year Next business day Exchange Plus NAC 800 Support	U0S71E	\$1,245.00				•
HP 3 year Support Plus 24 Networks Network Access Controller 800 Service	UH198E	\$1,527.00				•
HP 4 year 4-Hour Exchange Plus NAC 800 Support	U0U24E	\$1,602.00				•
HP 5 year 4-Hour Exchange Plus NAC 800 Support	U0U75E	\$1,964.00				•
Hardware Support Services						
HP 1 year 4 hour 13x5 MSM320 Access Point Hardware Support	HR939E	\$34.00			•	
HP 1 year 4 hour 13x5 MSM313 Access Point Hardware Support	HR934E	\$34.00	•			
HP 1 year 4 hour 13x5 MSM310 Access Point Hardware Support	HR924E	\$34.00		•		
HP 1 year Post Warranty 4 hour 13x5 ProCurve MSM310-R Access Point Hardware Support	UN652PE	\$37.00		•		
HP 1 year 4 hour 24x7 MSM310 Access Point Hardware Support	HR925E	\$38.00		•		
HP 1 year 4 hour 24x7 MSM20 Access Point Hardware Support	HR940E	\$38.00			•	
HP 1 year 4 hour 24x7 MSM13 Access Point Hardware Support	HR935E	\$38.00	•			
HP 1 year Post Warranty 24x7 ProCurve MSM310-R Access Point Hardware Support	UN653PE	\$41.00		•		
HP 1 year Post Warranty 4 hour 13x5 ProCurve MSM320-R Access Point Hardware Support	UN636PE	\$56.00		•		
HP 1 year Post Warranty 24x7 ProCurve MSM320-R Access Point Hardware Support	UN637PE	\$62.00		•		
HP 1 year 6 hour Call to Repair MSM313 Access Point Hardware Support	HR938E	\$63.00	•			
HP 1 year Post Warranty Next business day Exchange Networks MSM310-R Access Point Service	U4F28PE	\$63.00		•		
HP 1 year Post Warranty Next business day Exchange Networks MSM320-R Access Point Service	U4F26PE	\$94.00		•		
HP 3 year 4 hour Response 13x5 ProCurve MSM313 Hardware Support	UN675E	\$99.00	•			
HP 3 year 4 hour Response 13x5 ProCurve MSM325 Hardware Support	UN679E	\$99.00		•		
HP 3 year 4 hour Response 13x5 ProCurve MSM310 Hardware Support	UN687E	\$99.00		•		
HP 3 year 4 hour Response 13x5 ProCurve MSM320 Hardware Support	UN683E	\$99.00		•	•	
HP 3 year 4 hour Response 13x5 ProCurve MSM335 Hardware Support	UN671E	\$99.00		•		
HP 3 year 4 hour Response 13x5 ProCurve MSM422 Hardware Support	UN667E	\$99.00			•	

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HP 3 year 4 hour Response 13x5 ProCurve MSM310-R Access Point Hardware Support	UN648E	\$104.00		•		
HP 3 year 24x7 ProCurve MSM313 Hardware Support	UN676E	\$111.00	•			
HP 3 year 24x7 ProCurve MSM325 Hardware Support	UN680E	\$111.00		•		
HP 3 year 24x7 ProCurve MSM310 Hardware Support	UN688E	\$111.00		•		
HP 3 year 24x7 ProCurve MSM320 Hardware Support	UN684E	\$111.00		•	•	
HP 3 year 24x7 ProCurve MSM335 Hardware Support	UN672E	\$111.00		•		
HP 3 year 24x7 ProCurve MSM422 Hardware Support	UN668E	\$111.00			•	
HP 3 year 24x7 ProCurve MSM310-R Access Point Hardware Support	UN649E	\$116.00		•		
HP 4 year 4 hour Response 13x5 ProCurve MSM313 Hardware Support	UR996E	\$130.00	•			
HP 4 year 4 hour Response 13x5 ProCurve MSM422 Hardware Support	UR980E	\$130.00			•	
HP 4 year 4 hour Response 13x5 ProCurve MSM325 Hardware Support	US005E	\$130.00		•		
HP 4 year 4 hour Response 13x5 ProCurve MSM310 Hardware Support	US021E	\$130.00		•		
HP 4 year 4 hour Response 13x5 ProCurve 320/410 Hardware Support	US013E	\$130.00		•	•	
HP 4 year 4 hour Response 13x5 ProCurve MSM335 Hardware Support	UR988E	\$130.00		•		
HP 4 year 24x7 ProCurve MSM325 Hardware Support	US006E	\$145.00		•		
HP 4 year 24x7 ProCurve MSM335 Hardware Support	UR989E	\$145.00		•		
HP 4 year 24x7 ProCurve MSM422 Hardware Support	UR981E	\$145.00			•	
HP 4 year 24x7 ProCurve 320/410 Hardware Support	US014E	\$145.00		•	•	
HP 4 year 24x7 ProCurve MSM313 Hardware Support	UR997E	\$145.00	•			
HP 4 year 24x7 ProCurve MSM310 Hardware Support	US022E	\$145.00		•		
HP 3 year 4 hour Response 13x5 ProCurve MSM320-R Access Point Hardware Support	UN552E	\$156.00		•		
HP 5 year 4 hour Response 13x5 ProCurve MSM335 Hardware Support	UR992E	\$159.00		•		
HP 5 year 4 hour Response 13x5 ProCurve MSM422 Hardware Support	UR984E	\$159.00			•	
HP 5 year 4 hour Response 13x5 ProCurve 320/410 Hardware Support	US017E	\$159.00		•	•	
HP 5 year 4 hour Response 13x5 ProCurve MSM313 Hardware Support	US001E	\$159.00	•			
HP 5 year 4 hour Response 13x5 ProCurve MSM325 Hardware Support	US009E	\$159.00		•		

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HP 5 year 4 hour Response 13x5 ProCurve MSM310 Hardware Support	US025E	\$159.00		•		
HP 3 year 24x7 ProCurve MSM320-R Access Point Hardware Support	UN553E	\$174.00		•		
HP 5 year 24x7 ProCurve MSM310 Hardware Support	US026E	\$178.00		•		
HP 3 year 6 hour CTR ProCurve MSM310 Access Point Hardware Support	UW332E	\$178.00		•		
HP 5 year 24x7 ProCurve 320/410 Hardware Support	US018E	\$178.00		•	•	
HP 5 year 24x7 ProCurve MSM325 Hardware Support	US010E	\$178.00		•		
HP 5 year 24x7 ProCurve MSM313 Hardware Support	US002E	\$178.00	•			
HP 5 year 24x7 ProCurve MSM422 Hardware Support	UR985E	\$178.00			•	
HP 5 year 24x7 ProCurve MSM335 Hardware Support	UR993E	\$178.00		•		
HP 3 year 6 hour CTR ProCurve MSM325 AP Hardware Support	UW413E	\$182.00		•		
HP 3 year 6 hour CTR ProCurve MSM335 AP Hardware Support	UW407E	\$182.00		•		
HP3 year6 hour CTR ProCurve MSM320/410 AP Hardware Support	UW416E	\$182.00		•		
HP 3 year 6 hour CTR ProCurve MSM313 AP Hardware Support	UW410E	\$182.00	•			
HP 3 year 6 hour CTR ProCurve MSM422 AP Hardware Support	UW404E	\$182.00			•	
HP 4 year 6 hour CTR ProCurve MSM422 AP Hardware Support	UW405E	\$238.00			•	
HP 4 year 6 hour CTR ProCurve MSM335 AP Hardware Support	UW408E	\$238.00		•		
HP4 year6 hour CTR ProCurve MSM320/410 AP Hardware Support	UW417E	\$238.00		•		
HP 4 year 6 hour CTR ProCurve MSM313 AP Hardware Support	UW411E	\$238.00	•			
HP 4 year 6 hour CTR ProCurve MSM325 AP Hardware Support	UW414E	\$238.00		•		
HP 3 year 6 hour CTR ProCurve MSM320 Access Point Hardware Support	UW330E	\$267.00		•		
HP 5 year 6 hour CTR ProCurve MSM313 AP Hardware Support	UW412E	\$292.00	•			
HP 5 year 6 hour CTR ProCurve MSM335 AP Hardware Support	UW409E	\$292.00		•		
HP 5 year 6 hour CTR ProCurve MSM422 AP Hardware Support	UW406E	\$292.00			•	
HP5 year6 hour CTR ProCurve MSM320/410 AP Hardware Support	UW418E	\$292.00		•		
HP 5 year 6 hour CTR ProCurve MSM325 AP Hardware Support	UW415E	\$292.00		•		
HP 1 year 4 hour 13x5 RF Manager Controller with 50 sensor license Hardware Support	HR999E	\$362.00				•

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HP 1 year 4 hour 24x7 RF Manager Controller with 50 sensor license Hardware Support	HS001E	\$409.00				•
HP 1 year Post Warranty Next business day Exchange Networks NAC 800 Service	U4F16PE	\$688.00				•
Software Support Services						
HP 1 year 24x7 MSM320 Access Point Software Support	HR942E	\$12.00		•	•	
HP 1 year 24x7 MSM313 Access Point Software Support	HR937E	\$12.00	•			
HP 1 year 24x7 MSM310 Access Point Software Support	HR927E	\$12.00		•		
HP 1 year 24x7 MSM325 Access Point Software Support	HR947E	\$12.00		•		
HP 1 year 24x7 MSM422 Access Point Software Support	HR957E	\$12.00			•	
HP 1 year 24x7 MSM335 Access Point Software Support	HR967E	\$12.00		•		
HP 1 year 24x7 MSM310-R Access Point Software Support	HR932E	\$14.00		•		
HP 1 year 24x7 MSM320-R Access Point Software Support	HR962E	\$26.00		•		
HP 3 year 24x7 ProCurve MSM422 Software Support	UN669E	\$34.00			•	
HP 3 year 24x7 ProCurve MSM310 Software Support	UN689E	\$34.00		•		
HP 3 year 24x7 ProCurve MSM335 Software Support	UN673E	\$34.00		•		
HP 3 year 24x7 ProCurve MSM320 Software Support	UN685E	\$34.00		•	•	
HP 3 year 24x7 ProCurve MSM313 Software Support	UN677E	\$34.00	•			
HP 3 year 24x7 ProCurve MSM325 Software Support	UN681E	\$34.00		•		
HP 4 year 24x7 ProCurve MSM335 Software Support	UR991E	\$45.00		•		
HP 4 year 24x7 ProCurve MSM422 Software Support	UR983E	\$45.00			•	
HP 4 year 24x7 ProCurve MSM310 Software Support	US024E	\$45.00		•		
HP 4 year 24x7 ProCurve MSM325 Software Support	US008E	\$45.00		•		
HP 4 year 24x7 ProCurve 320/410 Software Support	US016E	\$45.00		•	•	
HP 4 year 24x7 ProCurve MSM313 Software Support	UR999E	\$45.00	•			
HP 5 year 24x7 ProCurve MSM335 Software Support	UR995E	\$55.00		•		
HP 5 year 24x7 ProCurve MSM313 Software Support	US004E	\$55.00	•			
HP 5 year 24x7 ProCurve MSM422 Software Support	UR987E	\$55.00			•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	Мобильные интегрированные точки доступа HP ProCurve	Мобильные точки доступа HP ProCurve Multi-service	Мобильные точки доступа HP ProCurve Multi-service для наружного размещения	Система безопасности HP ProCurve Mobility Security IDS/IPS
HP 5 year 24x7 ProCurve 320/410 Software Support	US020E	\$55.00		•	•	
HP 5 year 24x7 ProCurve MSM325 Software Support	US012E	\$55.00		•		
HP 5 year 24x7 ProCurve MSM310 Software Support	US028E	\$55.00		•		
HP 3 year 9x5 MSM320-R Access Point Software Support	UY959E	\$68.00		•		
HP 3 year 24x7 MSM320-R Access Point Software Support	UY960E	\$76.00		•		
HP 1 year RF Manager with 50 sensor controller license Software Support	HS003E	\$85.00				•
HP 3 year 9x5 ProCurve RF Manager Controller Software Support	UU104E	\$205.00				•
HP 3 year 24x7 ProCurve RF Manager Controller Software Support	UU105E	\$248.00				•
Услуги по обучению						
HP Ed Education ProCurve Svc	HH245E	\$270.00				•
Услуги по установке аппаратных средств						
Установка стегируемого коммутатора ProCurve	U4826E	\$260.00				•

HP Application IPS Filter

Warranty

Standard Models	Part number	wc	lp
HP Single Custom Web Application IPS Filter	JC677A	NA	\$3,295.00
HP Single Custom DV IPS Filter	JC678A	NA	\$6,595.00
HP Web Application Vulnerability Scan	JC676A	NA	\$8,795.00

HP Identity Driven Manager Software Licenses

Warranty

Standard Models	Part number	wc	lp
HP PCM+ Identity Driven Manager v4 additional 1000-user License	J9754A	NA	\$2,222.00



HP InfiniBand Switch Licenses

Warranty

- 60
 Warranty period - 90 Days
 Service location - HP/Dealer
 Service level - Replacement
 Installation included - No
 Applicable note(s) - 16

Standard Models	Part number	wc	lp
QLogic InfiniBand Fabric Suite Flexible Quantity License	QL470A	60	\$70.00
Mellanox Fabric IT Manager Per Node Flexible Quantity License	TE078A	60	N/A

HP Intelligent Management Center Application Manager Software Licenses

Warranty

Standard Models	Part number	wc	lp
HP IMC Application Manager additional 100-monitor E-LTU	JG491AAE	NA	\$5,361.00
HP IMC Application Manager additional 500-monitor E-LTU	JG492AAE	NA	\$21,461.00
HP IMC Application Manager additional 500-monitor License	JG492A	NA	N/A
HP IMC Application Manager additional 1000-monitor E-LTU	JG493AAE	NA	\$37,549.00
HP IMC Application Manager additional 50-monitor License	JG490A	NA	N/A
HP IMC Application Manager additional 50-monitor E-LTU	JG490AAE	NA	\$3,211.00
HP IMC Application Manager additional 1000-monitor License	JG493A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00
HP 1 year 24x7 Networks Software Group 150 License Support	HR796E	\$330.00
HP 1 year 9x5 Networks Software Group 160 License Support	HR799E	\$450.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP Intelligent Management Center Branch Intelligent Management Licenses

Warranty

Standard Models	Part number	wc	lp
HP IMC Branch Intelligent Management System additional 1000-node E-LTU	JG269AAE	NA	\$51,081.00
HP IMC Branch Intelligent Management System additional 100-node License	JG266A	NA	N/A
HP IMC Branch Intelligent Management System additional 100-node E-LTU	JG266AAE	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 210 License Support	HR821E	\$4,992.00
HP 1 year 24x7 Networks Software Group 210 License Support	HR822E	\$6,422.00
HP 3 year 9x5 ProCurve Group 210 License Support	UV764E	\$17,705.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP Intelligent Management Center IPsec/VPN Manager Software Licenses

Warranty

Standard Models	Part number	wc	lp
HP IMC IPsec VPN Manager additional 100-node License	JG148A	NA	N/A
HP IMC IPsec VPN Manager additional 100-node E-LTU	JG148AAE	NA	\$3,409.00
HP IMC IPsec VPN Manager additional 200-node E-LTU	JG149AAE	NA	\$5,646.00
HP IMC IPsec VPN Manager additional 50-node License	JG147A	NA	N/A
HP IMC IPsec VPN Manager additional 25-node License	JG146A	NA	N/A
HP IMC IPsec VPN Manager additional 1000-node License	JG151A	NA	N/A
HP IMC IPsec VPN Manager additional 200-node License	JG149A	NA	N/A
HP IMC IPsec VPN Manager additional 500-node License	JG150A	NA	N/A
HP IMC IPsec VPN Manager additional 25-node E-LTU	JG146AAE	NA	\$1,063.00
HP IMC IPsec VPN Manager additional 50-node E-LTU	JG147AAE	NA	\$1,704.00
HP IMC IPsec VPN Manager additional 500-node E-LTU	JG150AAE	NA	\$11,281.00
HP IMC IPsec VPN Manager additional 1000-node E-LTU	JG151AAE	NA	\$17,024.00

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 140 License Support	HR791E	\$168.00
HP 1 year 24x7 Networks Software Group 140 License Support	HR792E	\$217.00
HP 3 year 9x5 ProCurve Group 140 License Support	UV736E	\$594.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.



HP Intelligent Management Center Software DIG Software Probe Licenses

Standard Models	Part number	wc	lp
Лицензия HP IMC DIG Software Probe	JF409A	NA	N/A



HP Intelligent Management Center Software Endpoint Admission Defense Licenses

Standard Models	Part number	wc	lp
Дополнительная лицензия HP IMC Endpoint Admission Defense на 500 пользователей	JF393A	NA	N/A
Дополнительная лицензия HP IMC Endpoint Admission Defense на 5000 пользователей	JF395A	NA	N/A
Дополнительная лицензия HP IMC Endpoint Admission Defense на 200 пользователей	JF392A	NA	N/A
Дополнительная лицензия HP IMC Endpoint Admission Defense на 1000 пользователей	JF394A	NA	N/A



HP Intelligent Management Center Software Licenses

Warranty

Standard Models	Part number	wc	lp
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 1000 узлов	JF381A	NA	N/A
HP PCM+ Mobility Manager to IMC Basic WLAN Platform Upgrade with 50-node and 150 Access Point E-LTU	JG550AAE	NA	\$3,188.00
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 5000 узлов	JF382A	NA	N/A
HP 3ND/EMS/PCM+ to Intelligent Management Center Standard Upgrade E-LTU	JG140AAE	NA	N/A
HP PCM+ to IMC Standard Software Platform Upgrade with 200-node E-LTU	JG549AAE	NA	\$3,722.00
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 100 узлов	JF379A	NA	N/A
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 500 узлов	JF380A	NA	N/A
HP PCM+ to IMC Basic Software Platform Upgrade with 50-node E-LTU	JG548AAE	NA	\$1,053.00
HP Automated Network Management for IMC Standard Software with 100-node E-LTU	JG652AAE	NA	\$45,244.00
Дополнительная лицензия HP IMC (стандартная и корпоративная) на неограниченное количество узлов	JF383A	NA	N/A
HP Network Director to Intelligent Management Center Upgrade License	JF288A	NA	N/A
HP Enterprise Management System to Intelligent Management Center Upgrade License	JF289A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 130 License Support	HR787E	\$97.00
HP 1 year 24x7 Networks Software Group 130 License Support	HR788E	\$125.00
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.



HP Intelligent Management Center Software MPLS VPN Manager Licenses

Standard Models	Part number	wc	lp
Лицензия HP IMC MPLS VPN BGP	JF403A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 3 year 9x5 ProCurve Group 195 License Support	UV758E	\$7,789.00
HP 3 year 24x7 ProCurve Group 195 License Support	UV759E	\$9,623.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.



HP Intelligent Management Center Software Network Traffic Analyzer Licenses

Standard Models	Part number	wc	lp
Дополнительная лицензия HP IMC Network Traffic Analyzer на 20 узлов	JF386A	NA	N/A
Дополнительная лицензия HP IMC Network Traffic Analyzer на 50 узлов	JF387A	NA	N/A
Дополнительная лицензия HP IMC Network Traffic Analyzer на 10 узлов	JF385A	NA	N/A



HP Intelligent Management Center Software User Access Management Licenses

Standard Models	Part number	wc	lp
HP IMC User Access Management additional 200-user License	JF389A	NA	N/A



HP Intelligent Management Center Software User Behavior Module Licenses

Standard Models	Part number	wc	lp
Дополнительная лицензия HP IMC User Behavior Module на 10000 пользователей	JF425A	NA	N/A
Дополнительная лицензия HP IMC User Behavior Module на 5000 пользователей	JF424A	NA	N/A
Дополнительная лицензия HP IMC User Behavior Module на 1000 пользователей	JF422A	NA	N/A
Дополнительная лицензия HP IMC User Behavior Module на 2000 пользователей	JF423A	NA	N/A



HP Intelligent Management Center Software Wireless Services Manager Licenses

Warranty

Standard Models	Part number	wc	lp
Дополнительная лицензия HP IMC Wireless Services Manager на 50 точек доступа	JF415A	NA	N/A
HP IMC Real Time Location System/Wireless Service Mgmt additional 50-node LTU	JG271A	NA	N/A
HP PCM+ Mobility Manager to IMC Wireless Service Manager Module Upgrade with 250 Access Point E-LTU	JG551AAE	NA	\$3,508.00
Дополнительная лицензия HP IMC Wireless Services Manager на 100 точек доступа	JF416A	NA	N/A
Дополнительная лицензия HP IMC Wireless Services Manager на 200 точек доступа	JF417A	NA	N/A
Дополнительная лицензия HP IMC Wireless Services Manager на 1000 точек доступа	JF419A	NA	N/A
Дополнительная лицензия HP IMC Wireless Services Manager на 500 точек доступа	JF418A	NA	N/A
HP IMC Real Time Location System/Wireless Service Mgmt additional 50-node E-LTU	JG271AAE	NA	\$3,071.00
HP IMC Real Time Location System/Wireless Service Mgmt additional 500-node E-LTU	JG273AAE	NA	\$25,533.00
HP IMC Real Time Location System/Wireless Service Mgmt additional 25-node E-LTU	JG270AAE	NA	N/A
HP IMC Real Time Location System/Wireless Service Mgmt additional 25-node License	JG270A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00
HP 1 year 24x7 Networks Software Group 150 License Support	HR796E	\$330.00
HP 1 year 9x5 Networks Software Group 155 License Support	HR797E	\$353.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP Intelligent Management Center TACACS+ Authentication Manager Software Licenses

Warranty

Standard Models	Part number	wc	lp
HP IMC TACACS+ Authentication Manager additional 100-node E-LTU	JG484AAE	NA	\$1,061.00
HP IMC TACACS+ Authentication Manager additional 500-node E-LTU	JG485AAE	NA	\$4,286.00
HP IMC TACACS+ Authentication Manager additional 1000-node E-LTU	JG486AAE	NA	\$7,499.00
HP IMC TACACS+ Authentication Manager additional 5000-node E-LTU	JG487AAE	NA	\$32,186.00
HP IMC TACACS+ Authentication Manager additional Unlimited-node E-LTU	JG488AAE	NA	\$37,549.00
HP IMC TACACS+ Authentication Manager additional 100-node License	JG484A	NA	N/A
HP IMC TACACS+ Authentication Manager additional 5000-node License	JG487A	NA	N/A
HP IMC TACACS+ Authentication Manager additional 1000-node License	JG486A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 130 License Support	HR787E	\$97.00
HP 1 year 24x7 Networks Software Group 130 License Support	HR788E	\$125.00
HP 3 year 9x5 ProCurve Group 130 License Support	UV732E	\$344.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP Intelligent Management Software MPLS VPN Manager Licenses

Warranty

Standard Models	Part number	wc	lp
HP IMC MPLS TE Manager Package E-LTU	JG143AAE	NA	\$23,354.00

HP Intelligent Management Software Wireless Services Manager Licenses

Warranty

Standard Models	Part number	wc	lp
HP IMC Wireless Service Manager Components Location Service Package E-LTU	JG142AAE	NA	\$6,383.00

HP MSM Licenses

Warranty

- **3U**
 Warranty period - 90 Days
 Service location - HP
 Service level - Replacement
 Installation included - No
 Applicable note(s) - 4,6,16
- **4H**
 Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
Лицензия на обновление HP E-MSM710 Mobility Services Upgrade	J9331A	3U	\$447.00
HP MSM720/760/765 Additional 10 Access Point License	J9697A	NA	\$935.00
HP MSM720 Premium Mobility LTU	J9698A	NA	\$2,727.00
Лицензия на дополнительные 40 точек доступа для HP E-MSM760/765	J9371A	4H	\$3,638.00
Лицензия HP E-MSM760 Premium	J9491A	4H	\$5,003.00

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 Networks Group 2 Software Support	HS534E	\$6.00
HP 1 year 24x7 Networks Group 3 Software Support	HS535E	\$9.00
HP 3 year 9x5 ProCurve Group 2 Software Support	UQ108E	\$67.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.



HP NBX Licenses

Standard Models	Part number	wc	lp
HP Call Recording 60 Day Trial License	JD730A	NA	N/A



HP Networking Router Licenses

Warranty

Standard Models	Part number	wc	lp
Лицензия на ПО для маршрутизатора HP A6600	JC180A	NA	\$3,405.00
Лицензия на ПО для маршрутизатора HP A8800	JC157A	NA	\$7,302.00
Лицензия на ПО для маршрутизатора HP A-MSR50	JD434A	NA	\$680.00

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 115 License Support	HR781E	\$44.00
HP 1 year 24x7 Networks Software Group 115 License Support	HR782E	\$58.00
HP 3 year 9x5 ProCurve Group 115 License Support	UV726E	\$156.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP Networking Switch Licenses

Warranty

- 9R**
 Warranty period - Lifetime
 Service location - HP/Dealer
 Service level - Exchange
 Response time - Next Day
 Installation included - No
 Applicable note(s) - 7

Standard Models	Part number	wc	lp
HP SecBlade IPS 1-year IPS and AV Feed	JD256B	NA	N/A
HP 8200 z1 Switch Premium License	J9474A	9R	\$4,090.00

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 Networks Premium License Mid Software Support	HS531E	\$54.00
HP 1 year 24x7 Networks Premium License HI Software Support	HS532E	\$80.00
HP 3 year 9x5 ProCurve Mid Premium License Software Support	UT479E	\$533.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP PCM Plus Network Management Software Licenses

Warranty

Standard Models	Part number	wc	lp
HP PCM+ v3 Platform 50-device License additional 1-year Maintenance	J9630A	NA	\$442.00
HP PCM+ v4 Additional 1-year Maintenance for up to 50 devices	J9758A	NA	\$885.00
HP PCM+ v4 Additional 1-year Maintenance for up to 250 devices	J9759A	NA	\$1,335.00
HP PCM+ v4 Additional 100-device License	J9756A	NA	\$2,222.00
HP PCM+ v4 Additional 1-year Maintenance for up to 550 devices	J9760A	NA	\$2,672.00
HP PCM+ v4 Additional 1-year Maintenance for Unlimited devices	J9761A	NA	\$5,346.00

HP Reputation Digital Vaccine Licenses

Warranty

Standard Models	Part number	wc	lp
HP S5100N 3-year Reputation Digital Vaccine Subscription Service License	JC589A	NA	\$59,399.00

HP SecPath Licenses

Warranty

Standard Models	Part number	wc	lp
HP SecPath U200-CS 1 Year Web Content Filter Service License	JG070B	NA	\$238.00
HP SecPath U200-CS 1 Year Anti-spam Service License	JG063B	NA	\$238.00
HP SecPath U200-CS 1 Year Anti-virus Update License	JG068B	NA	\$281.00
HP U200-S 1-year Anti-Virus Service LTU	JG076B	NA	\$577.00
HP SecPath U200-M 1 Year Anti-spam Service License	JG071B	NA	\$786.00
HP SecPath U200-M 1 Year Web Content Filter Service License	JG074B	NA	\$786.00
HP U200-S 1-year Anti-Spam Service LTU	JG075B	NA	\$799.00
HP U200-S 1-year URL Filter Service LTU	JG078B	NA	\$799.00
HP SecPath U200-M 1 Year Anti-virus Update License	JG072B	NA	\$986.00
HP U200-A 1-year Anti-Virus Service LTU	JG065B	NA	\$1,236.00
HP U200-A 1-year Anti-Spam Service LTU	JG064B	NA	\$1,338.00
HP U200-A 1-year URL Filter Service LTU	JG067B	NA	\$1,338.00



HP VCX Licenses

Warranty

Standard Models	Part number	wc	lp
HP Integration Domino License	JE320A	NA	N/A
HP Integration Sametime License	JE321A	NA	N/A
HP VCX Call Record Server License	JE293A	NA	N/A
HP IP Messaging Upgrade 7.0 Server License	JE297A	NA	N/A
HP VCX IP Telephony Upgrade to 7.0 Server License	JE295A	NA	N/A
HP VCX IP Telephony/IP Messaging Upgrade 7.0 Server License	JE296A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 115 License Support	HR781E	\$44.00
HP 1 year 24x7 Networks Software Group 115 License Support	HR782E	\$58.00
HP 1 year 9x5 Networks Software Group 130 License Support	HR787E	\$97.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.



HP VPN Licenses

Warranty

Standard Models	Part number	wc	lp
HP 10500/7500 SSL VPN 1000-user E-LTU	JD257AAE	NA	\$56,961.00
HP 10500/7500 SSL VPN 1000-user License	JD257A	NA	\$63,174.00
HP 10500/7500 SSL VPN 5000-user E-LTU	JD258AAE	NA	\$98,311.00
HP 10500/7500 SSL VPN 5000-user License	JD258A	NA	\$109,030.00

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 220 License Support	HR825E	\$6,580.00
HP 1 year 24x7 Networks Software Group 220 License Support	HR826E	\$8,466.00
HP 1 year 9x5 Networks Software Group 230 License Support	HR829E	\$10,346.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP Wireless Net Management Licenses

Standard Models	Part number	wc	lp
HP ProCurve WLAN Net Mgmt AP Upgrade License	J9396A	NA	N/A

HP Wireless RF Manager Licenses

Warranty

- **3U**

Warranty period - 90 Days

Service location - HP

Service level - Replacement

Installation included - No

Applicable note(s) - 4,6,16

Standard Models	Part number	wc	lp
Лицензия на обновление HP RF Manager, дополнительные 50 датчиков	J9399A	3U	\$6,148.00
HP RF Manager Adv Wireless IPS License	J9644A	NA	\$9,048.00

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 Networks Group 9 Software Support	HS541E	\$135.00
HP 1 year 9x5 Networks Software Group 160 License Support	HR799E	\$450.00
HP 1 year 24x7 Networks Software Group 160 License Support	HR800E	\$577.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP WX Software Licenses

Warranty

Standard Models	Part number	wc	lp
HP WX5000 32 Access Point License Upgrade	JD463B	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00
HP 1 year 24x7 Networks Software Group 150 License Support	HR796E	\$330.00
HP 3 year 9x5 ProCurve Group 150 License Support	UV740E	\$907.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

IPS Controller Licenses

Warranty

Standard Models	Part number	wc	lp
HP SMS additional 20-IPS System License	JC512A	NA	\$2,200.00

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Application IPS Filter	HP Identity Driven Manager Software Licenses	HP InfiniBand Switch Licenses	HP Intelligent Management Center Application Manager Software Licenses	HP Intelligent Management Center Branch Intelligent Management Licenses	HP Intelligent Management Center IPSec/VPN Manager Software Licenses	HP Intelligent Management Center Software DIG Software Probe Licenses	HP Intelligent Management Center Software Endpoint Admission Defense
Network Management/Security Software										
HP IMC Network Traffic Analyzer Software Module with 10-node E-LTU	JF384AAE	\$6,806.00							•	
HP IMC Application Performance Manager Software Module with 25-monitor E-LTU	JG489AAE	\$8,574.00				•				
HP IMC Application Performance Manager Software Module with 25-monitor License	JG489A	N/A				•				
HP IMC IPsec VPN Manager Software Module with 25-node E-LTU	JG144AAE	\$3,409.00						•		
HP IMC Branch Intelligent Management System Software Module with 50-node E-LTU	JG265AAE	\$4,472.00					•			
HP PCM+ Identity Driven Manager v4 Software Module with 500-user License	J9752A	\$4,909.00		•						
HP IMC Endpoint Admission Defense Software Module with 200-user E-LTU	JF391AAE	\$5,828.00								•
HP PCM+ Identity Driven Manager v4 Software Module with Unlimited-user License	J9753A	\$26,749.00		•						
Software Support Services										
HP 1 year 9x5 Networks Software Group 140 License Support	HR791E	\$168.00						•		
HP 1 year 24x7 Networks Software Group 140 License Support	HR792E	\$217.00						•		
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00				•				
HP 1 year 24x7 Networks Software Group 150 License Support	HR796E	\$330.00				•				
HP 1 year 9x5 Networks Software Group 160 License Support	HR799E	\$450.00				•				
HP 1 year 24x7 Networks Software Group 160 License Support	HR800E	\$577.00				•				

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Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Application IPS Filter	HP Identity Driven Manager Software Licenses	HP InfiniBand Switch Licenses	HP Intelligent Management Center Application Manager Software Licenses	HP Intelligent Management Center Branch Intelligent Management Licenses	HP Intelligent Management Center IPSec/VPN Manager Software Licenses	HP Intelligent Management Center Software DIG Software Probe Licenses	HP Intelligent Management Center Software Endpoint Admission Defense
HP 3 year 9x5 ProCurve Group 140 License Support	UV736E	\$594.00							•	
HP 3 year 24x7 ProCurve Group 140 License Support	UV737E	\$739.00							•	
HP 3 year 9x5 ProCurve Group 150 License Support	UV740E	\$907.00				•				
HP 3 year 24x7 Network Software Group 140 Proactive Care Software Service	U2V21E	\$1,026.00						•		
HP 3 year 24x7 ProCurve Group 150 License Support	UV741E	\$1,123.00				•				
HP 4 year 24x7 Network Software Group 140 Proactive Care Software Service	U2V22E	\$1,360.00						•		
HP 3 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V24E	\$1,554.00				•				
HP 3 year 9x5 ProCurve Group 160 License Support	UV744E	\$1,595.00				•				
HP 5 year 24x7 Network Software Group 140 Proactive Care Software Service	U2V23E	\$1,682.00						•		
HP 3 year 24x7 ProCurve Group 160 License Support	UV745E	\$1,966.00				•				
HP 4 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V25E	\$2,063.00				•				
HP 1 year 9x5 Networks Software Group 195 License Support	HR813E	\$2,196.00				•				
HP 5 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V26E	\$2,547.00				•				
HP 3 year 24x7 Network Software Group 160 Proactive Care Software Service	U2V27E	\$2,705.00				•				
HP 1 year 24x7 Networks Software Group 195 License Support	HR814E	\$2,826.00				•				
HP 4 year 24x7 Network Software Group 160 Proactive Care Software Service	U2V28E	\$3,589.00				•				
HP 1 year 9x5 Networks Software Group 205 License Support	HR819E	\$3,766.00				•				
HP 5 year 24x7 Network Software Group 160 Proactive Care Software Service	U2V29E	\$4,434.00				•				
HP 1 year 24x7 Networks Software Group 205 License Support	HR820E	\$4,846.00				•				
HP 1 year 9x5 Networks Software Group 210 License Support	HR821E	\$4,992.00					•			
HP 1 year 24x7 Networks Software Group 210 License Support	HR822E	\$6,422.00					•			
HP 3 year 9x5 ProCurve Group 195 License Support	UV758E	\$7,789.00				•				
HP 3 year 24x7 ProCurve Group 195 License Support	UV759E	\$9,623.00				•				
HP 3 year 24x7 Network Software Group 195 Proactive Care Software Service	U2V81E	\$13,278.00				•				
HP 3 year 9x5 ProCurve Group 205 License Support	UV762E	\$13,357.00				•				
HP 3 year 24x7 ProCurve Group 205 License Support	UV763E	\$16,499.00				•				
HP 4 year 24x7 Network Software Group 195 Proactive Care Software Service	U2V82E	\$17,614.00				•				
HP 3 year 9x5 ProCurve Group 210 License Support	UV764E	\$17,705.00					•			

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Application IPS Filter	HP Identity Driven Manager Software Licenses	HP InfiniBand Switch Licenses	HP Intelligent Management Center Application Manager Software Licenses	HP Intelligent Management Center Branch Intelligent Management Licenses	HP Intelligent Management Center IPSec/VPN Manager Software Licenses	HP Intelligent Management Center Software DIG Software Probe Licenses	HP Intelligent Management Center Software Endpoint Admission Defense
HP 5 year 24x7 Network Software Group 195 Proactive Care Software Service	U2V83E	\$21,760.00				•				
HP 3 year 24x7 ProCurve Group 210 License Support	UV765E	\$21,867.00					•			
HP 3 year 24x7 Network Software Group 205 Proactive Care Software Service	U2V84E	\$22,762.00				•				
HP 3 year 24x7 Network Software Group 210 Proactive Care Software Service	U2V42E	\$30,162.00					•			
HP 4 year 24x7 Network Software Group 205 Proactive Care Software Service	U2V85E	\$30,195.00				•				
HP 5 year 24x7 Network Software Group 205 Proactive Care Software Service	U2V86E	\$37,302.00				•				
HP 4 year 24x7 Network Software Group 210 Proactive Care Software Service	U2V43E	\$40,013.00					•			
HP 5 year 24x7 Network Software Group 210 Proactive Care Software Service	U2V44E	\$49,431.00					•			

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Intelligent Management Center Software Licenses	HP Intelligent Management Center Software MPLS VPN Manager Licenses	HP Intelligent Management Center Software Network Traffic Analyzer Licenses	HP Intelligent Management Center Software User Access Management	HP Intelligent Management Center Software User Behavior Module Licenses	HP Intelligent Management Center Software Wireless Services Manager	HP Intelligent Management Center TACACS+ Authentication Manager	HP Intelligent Management Software MPLS VPN Manager Licenses
Network Management/Security Software										
HP IMC Basic Edition Software Platform with 50-node E-LTU	JG546AAE	\$2,121.00	.							
HP IMC Network Traffic Analyzer Software Module with 10-node E-LTU	JF384AAE	\$6,806.00			.					
HP IMC User Behavior Auditor Software Module with 200-user E-LTU	JF421AAE	\$6,810.00					.			
HP IMC Standard Edition Software Platform with 100-node E-LTU	JF377AAE	\$7,261.00	.							
HP IMC MPLS VPN Software Module with 50-node E-LTU	JF410AAE	\$23,351.00		.						.
HP IMC TACACS+ Authentication Manager Software Module with 100-node License	JG483A	N/A							.	
HP IMC TACACS+ Authentication Manager Software Module with 100-node E-LTU	JG483AAE	\$2,674.00							.	
HP IMC Wireless Service Manager Software Module with 50-Access Point E-LTU	JF414AAE	\$2,918.00						.		
HP IMC User Authentication Management Software Module with 200-user E-LTU	JF388AAE	\$2,918.00				.				
HP IMC Basic WLAN Manager Software Platform with 50 Access Points E-LTU	JG590AAE	\$5,844.00	.					.		
HP IMC Enterprise Edition Software Platform with 200-Node E-LTU	JF378AAE	\$24,521.00	.							
Software Support Services										
HP 1 year 9x5 Networks Software Group 130 License Support	HR787E	\$97.00	.						.	
HP 1 year 24x7 Networks Software Group 130 License Support	HR788E	\$125.00	.						.	
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00	.					.		
HP 1 year 24x7 Networks Software Group 150 License Support	HR796E	\$330.00	.					.		
HP 3 year 9x5 ProCurve Group 130 License Support	UV732E	\$344.00	.						.	
HP 1 year 9x5 Networks Software Group 155 License Support	HR797E	\$353.00	.					.	.	
HP 3 year 24x7 ProCurve Group 130 License Support	UV733E	\$427.00	.						.	
HP 1 year 24x7 Networks Software Group 155 License Support	HR798E	\$455.00	.					.	.	
HP 3 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V18E	\$591.00	.						.	
HP 1 year 9x5 Networks Software Group 170 License Support	HR803E	\$741.00							.	
HP 4 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V19E	\$784.00	.						.	
HP 3 year 9x5 ProCurve Group 150 License Support	UV740E	\$907.00	.					.		
HP 1 year 24x7 Networks Software Group 170 License Support	HR804E	\$953.00							.	
HP 5 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V20E	\$968.00	.						.	
HP 3 year 24x7 ProCurve Group 150 License Support	UV741E	\$1,123.00	.					.		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Intelligent Management Center Software Licenses	HP Intelligent Management Center Software MPLS VPN Manager Licenses	HP Intelligent Management Center Software Network Traffic Analyzer Licenses	HP Intelligent Management Center Software User Access Management	HP Intelligent Management Center Software User Behavior Module Licenses	HP Intelligent Management Center Software Wireless Services Manager	HP Intelligent Management Center TACACS+ Authentication Manager	HP Intelligent Management Software MPLS VPN Manager Licenses
HP 3 year 9x5 ProCurve Group 155 License Support	UV742E	\$1,251.00	•					•	•	
HP 3 year 24x7 ProCurve Group 155 License Support	UV743E	\$1,550.00	•					•	•	
HP 3 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V24E	\$1,554.00	•					•		
HP 4 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V25E	\$2,063.00	•					•		
HP 3 year 24x7 Network Software Group 155 Proactive Care Software Service	U2V69E	\$2,145.00	•					•	•	
HP 5 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V26E	\$2,547.00	•					•		
HP 1 year 9x5 Networks Software Group 200 License Support	HR815E	\$2,575.00						•		
HP 3 year 9x5 ProCurve Group 170 License Support	UV748E	\$2,628.00							•	
HP 4 year 24x7 Network Software Group 155 Proactive Care Software Service	U2V70E	\$2,846.00	•					•	•	
HP 1 year 9x5 Networks Software Group 203 License Support	HR817E	\$3,184.00							•	
HP 3 year 24x7 ProCurve Group 170 License Support	UV749E	\$3,246.00							•	
HP 1 year 24x7 Networks Software Group 200 License Support	HR816E	\$3,361.00						•		
HP 5 year 24x7 Network Software Group 155 Proactive Care Software Service	U2V71E	\$3,516.00	•					•	•	
HP 1 year 9x5 Networks Software Group 205 License Support	HR819E	\$3,766.00							•	
HP 1 year 24x7 Networks Software Group 203 License Support	HR818E	\$4,097.00							•	
HP 3 year 24x7 Network Software Group 170 Proactive Care Software Service	U2V30E	\$4,478.00							•	
HP 1 year 24x7 Networks Software Group 205 License Support	HR820E	\$4,846.00							•	
HP 4 year 24x7 Network Software Group 170 Proactive Care Software Service	U2V31E	\$5,940.00							•	
HP 5 year 24x7 Network Software Group 170 Proactive Care Software Service	U2V32E	\$7,338.00							•	
HP 3 year 9x5 ProCurve Group 195 License Support	UV758E	\$7,789.00		•						
HP 3 year 9x5 ProCurve Group 200 License Support	UV760E	\$9,134.00						•		
HP 3 year 24x7 ProCurve Group 195 License Support	UV759E	\$9,623.00		•						
HP 3 year 24x7 ProCurve Group 200 License Support	UV761E	\$11,421.00						•		
HP 3 year 9x5 Networks Software Group 203 License Support	HP853E	\$12,354.00							•	
HP 3 year 9x5 ProCurve Group 205 License Support	UV762E	\$13,357.00							•	
HP 3 year 24x7 Networks Software Group 203 License Support	HP854E	\$15,012.00							•	
HP 3 year 24x7 Network Software Group 200 Proactive Care Software Service	U2V39E	\$15,979.00						•		
HP 3 year 24x7 ProCurve Group 205 License Support	UV763E	\$16,499.00							•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Intelligent Management Center Software Licenses	HP Intelligent Management Center Software MPLS VPN Manager Licenses	HP Intelligent Management Center Software Network Traffic Analyzer Licenses	HP Intelligent Management Center Software User Access Management	HP Intelligent Management Center Software User Behavior Module Licenses	HP Intelligent Management Center Software Wireless Services Manager	HP Intelligent Management Center TACACS+ Authentication Manager	HP Intelligent Management Software MPLS VPN Manager Licenses
HP 3 year 24x7 Network Software Group 203 Proactive Care Software Service	U2V99E	\$20,310.00							•	
HP 4 year 24x7 Network Software Group 200 Proactive Care Software Service	U2V40E	\$21,191.00						•		
HP 3 year 24x7 Network Software Group 205 Proactive Care Software Service	U2V84E	\$22,762.00							•	
HP 5 year 24x7 Network Software Group 200 Proactive Care Software Service	U2V41E	\$26,173.00						•		
HP 4 year 24x7 Network Software Group 203 Proactive Care Software Service	U2W00E	\$26,595.00							•	
HP 4 year 24x7 Network Software Group 205 Proactive Care Software Service	U2V85E	\$30,195.00							•	
HP 5 year 24x7 Network Software Group 203 Proactive Care Software Service	U2W01E	\$32,605.00							•	
HP 5 year 24x7 Network Software Group 205 Proactive Care Software Service	U2V86E	\$37,302.00							•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Intelligent Management Software Wireless Services Manager Licenses	HP MSM Licenses	HP NBX Licenses	HP Networking Router Licenses	HP Networking Switch Licenses	HP PCM Plus Network Management Software Licenses	HP Reputation Digital Vaccine Licenses	HP SecPath Licenses
Fixed Port L3 Managed Ethernet Switches										
Коммутатор HP ProCurve 3500-24	J9470A	\$2,734.00					•			
Коммутатор HP ProCurve 3500-24	J9471A	\$3,462.00					•			
Коммутатор HP ProCurve 3500-48	J9472A	\$4,574.00					•			
HP 3500-24G-PoE yl Switch	J8692A	\$4,611.00					•			
Коммутатор HP ProCurve 3500yl-24G-PoE+	J9310A	\$4,975.00					•			
Коммутатор HP ProCurve 3500-48-PoE	J9473A	\$5,916.00					•			
HP 3500-48G-PoE yl Switch	J8693A	\$7,924.00					•			
Коммутатор HP ProCurve 3500yl-48G-PoE+	J9311A	\$8,561.00					•			
Коммутатор HP ProCurve 6600-48G-4XG	J9452A	\$13,134.00					•			
Modular Ethernet Routers										
HP MSR50-40 DC Router	JF285A	\$2,735.00				•				
HP MSR50-40 Router	JD433A	\$2,916.00				•				
HP 6604 Router Chassis	JC178B	\$5,058.00				•				
HP MSR50-60 Router Chassis with DC Power Supply	JF640A	\$7,254.00				•				
HP 6608 Router Chassis	JC177B	\$7,986.00				•				
Полка для маршрутизаторов HP A8805	JC148B	\$9,739.00				•				
HP 6616 Router Chassis	JC496A	\$12,845.00				•				
Полка для маршрутизаторов HP A8808	JC149B	\$14,604.00				•				
Modular Ethernet Switches										
HP 5406 zl Switch with Premium Software	J9642A	\$2,897.00		•			•			
HP 5412 zl Switch with Premium Software	J9643A	\$5,531.00		•			•			
HP 5406-44G-PoE+-4G-SFP v2 zl Switch with Premium Software	J9539A	\$8,719.00		•			•			
HP 8206 zl Switch with Premium Software	J9640A	\$9,412.00					•			
HP 5406-44G-PoE+-2XG v2 zl Switch with Premium Software	J9533A	\$9,689.00		•			•			
HP 8212 zl Switch with Premium Software	J9641A	\$14,817.00					•			
HP 5412-92G-PoE+-4G v2 zl Switch with Premium Software	J9540A	\$17,312.00		•			•			
HP 5412-92G-PoE+-2XG v2 zl Switch with Premium Software	J9532A	\$18,698.00		•			•			
HP 8212-92G-PoE+-2XG v2 zl Switch with Premium Software	J9639A	\$24,936.00					•			
Базовый вариант коммутатора HP E8206 zl	J9475A	N/A					•			
HP 8206-44G-PoE+-2XG v2 zl Switch with Premium Software	J9638A	\$13,154.00					•			
Network Management/Security Software										
HP PCM+ v4 Software Platform with 50-device License	J9755A	\$1,786.00						•		
HP IMC Wireless Service Manager Software Module with 50-Access Point E-LTU	JF414AAE	\$2,918.00	•							
HP PCM+ v4 Software Platform with Unlimited-device License	J9757A	\$22,288.00						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Intelligent Management Software Wireless Services Manager Licenses	HP MSM Licenses	HP NBX Licenses	HP Networking Router Licenses	HP Networking Switch Licenses	HP PCM Plus Network Management Software Licenses	HP Reputation Digital Vaccine Licenses	HP SecPath Licenses
Unified Threat Management Systems										
HP U200-S UTM Appliance	JD273A	\$1,745.00								•
HP U200-A UTM Appliance	JD275A	\$5,820.00								•
WLAN Controllers/Switches										
HP MSM710 Mobility Controller	J9325A	\$1,357.00		•						
HP MSM720 Access Controller (WW)	J9693A	\$1,363.00		•						
HP MSM760 Access Controller	J9421A	\$3,590.00		•						
HP MSM760 Mobility Controller	J9420A	\$9,104.00		•						
HP MSM765 zl Mobility Controller	J9370A	N/A		•						
HP MSM720 Premium Mobility Controller (WW)	J9694A	\$4,091.00		•						
Software Support Services										
HP 1 year 24x7 Networks Group 2 Software Support	HS534E	\$6.00		•						
HP 1 year 24x7 Networks Group 3 Software Support	HS535E	\$9.00		•						
HP 1 year 9x5 Networks Software Group 115 License Support	HR781E	\$44.00				•				
HP 1 year 24x7 Networks Premium License Mid Software Support	HS531E	\$54.00					•			
HP 1 year 24x7 Networks Software Group 115 License Support	HR782E	\$58.00				•				
HP 3 year 9x5 ProCurve Group 2 Software Support	UQ108E	\$67.00		•						
HP 1 year 24x7 Networks Group 7 Software Support	HS539E	\$80.00		•						
HP 1 year 24x7 Networks Premium License HI Software Support	HS532E	\$80.00					•			
HP 3 year 24x7 ProCurve Group 2 Software Support	UQ109E	\$87.00		•						
HP 1 year 9x5 Networks Software Group 130 License Support	HR787E	\$97.00		•						
HP 3 year 9x5 ProCurve Group 3 Software Support	UQ110E	\$111.00		•						
HP 1 year 24x7 Networks Software Group 130 License Support	HR788E	\$125.00		•						
HP 3 year 24x7 Network Software Group 2 Proactive Care Software Service	U2U70E	\$128.00		•						
HP 1 year 24x7 Networks Group 9 Software Support	HS541E	\$135.00		•						
HP 3 year 24x7 ProCurve Group 3 Software Support	UQ111E	\$142.00		•						
HP 3 year 9x5 ProCurve Group 115 License Support	UV726E	\$156.00				•				
HP 4 year 24x7 Network Software Group 2 Proactive Care Software Service	U2U71E	\$179.00		•						
HP 3 year 24x7 ProCurve Group 115 License Support	UV727E	\$198.00				•				
HP 3 year 24x7 Network Software Group 3 Proactive Care Software Service	U2U73E	\$204.00		•						
HP 5 year 24x7 Network Software Group 2 Proactive Care Software Service	U2U72E	\$228.00		•						
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00		•						
HP 3 year 24x7 Network Software Group 115 Proactive Care Software Service	U2V57E	\$280.00				•				
HP 4 year 24x7 Network Software Group 3 Proactive Care Software Service	U2U74E	\$286.00		•						

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Product options	Part number	lp	HP Intelligent Management Software Wireless Services Manager Licenses	HP MSM Licenses	HP NBX Licenses	HP Networking Router Licenses	HP Networking Switch Licenses	HP PCM Plus Network Management Software Licenses	HP Reputation Digital Vaccine Licenses	HP SecPath Licenses
HP 1 year 24x7 Networks Software Group 150 License Support	HR796E	\$330.00		•						
HP 3 year 9x5 ProCurve Group 130 License Support	UV732E	\$344.00		•						
HP 1 year 9x5 Networks Software Group 155 License Support	HR797E	\$353.00		•		•				
HP 5 year 24x7 Network Software Group 3 Proactive Care Software Service	U2U75E	\$363.00		•						
HP 4 year 24x7 Network Software Group 115 Proactive Care Software Service	U2V58E	\$371.00				•				
HP 3 year 24x7 ProCurve Group 130 License Support	UV733E	\$427.00		•						
HP 1 year 24x7 Networks Software Group 155 License Support	HR798E	\$455.00		•		•				
HP 5 year 24x7 Network Software Group 115 Proactive Care Software Service	U2V59E	\$458.00				•				
HP 3 year 9x5 ProCurve Mid Premium License Software Support	UT479E	\$533.00					•			
HP 3 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V18E	\$591.00		•						
HP 3 year 24x7x4 ProCurve Mid Premium License Software Support	UT480E	\$708.00					•			
HP 1 year 9x5 Networks Software Group 170 License Support	HR803E	\$741.00				•				
HP 3 year 9x5 ProCurve Group 7 Software Support	UQ118E	\$778.00		•						
HP 3 year 9x5 ProCurve Mid Premium License Software Support	UT481E	\$778.00					•			
HP 4 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V19E	\$784.00		•						
HP 3 year 9x5 ProCurve Group 150 License Support	UV740E	\$907.00		•						
HP 1 year 24x7 Networks Software Group 170 License Support	HR804E	\$953.00				•				
HP 5 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V20E	\$968.00		•						
HP 4 year 24x7x4 ProCurve Mid Premium License Software Support	UT456E	\$1,017.00					•			
HP 3 year 24x7x4 ProCurve Hi Premium License Software Support	UT482E	\$1,035.00					•			
HP 3 year 24x7 ProCurve Group 7 Software Support	UQ119E	\$1,035.00		•						
HP 3 year 24x7 Network Premium License Mid Proactive Care Software Service	U2V03E	\$1,057.00					•			
HP 3 year 24x7 ProCurve Group 150 License Support	UV741E	\$1,123.00		•						
HP 3 year 9x5 ProCurve Group 155 License Support	UV742E	\$1,251.00		•		•				
HP 3 year 9x5 ProCurve Group 9 Software Support	UQ122E	\$1,311.00		•						
HP 4 year 24x7x4 ProCurve Hi Premium License Software Support	UT458E	\$1,312.00					•			
HP 4 year 24x7 Network Premium License Mid Proactive Care Software Service	U2V04E	\$1,474.00					•			
HP 5 year 24x7x4 ProCurve Mid Premium License Software Support	UT457E	\$1,486.00					•			

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Intelligent Management Software Wireless Services Manager Licenses	HP MSM Licenses	HP NBX Licenses	HP Networking Router Licenses	HP Networking Switch Licenses	HP PCM Plus Network Management Software Licenses	HP Reputation Digital Vaccine Licenses	HP SecPath Licenses
HP 3 year 24x7 Network Premium License Hi Proactive Care Software Service	U2V06E	\$1,548.00					•			
HP 3 year 24x7 Network Software Group 7 Proactive Care Software Service	U2U82E	\$1,548.00		•						
HP 3 year 24x7 ProCurve Group 155 License Support	UV743E	\$1,550.00		•		•				
HP 3 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V24E	\$1,554.00		•						
HP 3 year 24x7 ProCurve Group 9 Software Support	UQ123E	\$1,744.00		•						
HP 5 year 24x7 Network Premium License Mid Proactive Care Software Service	U2V05E	\$1,872.00					•			
HP 5 year 24x7x4 ProCurve Hi Premium License Software Support	UT459E	\$1,916.00					•			
HP 4 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V25E	\$2,063.00		•						
HP 3 year 24x7 Network Software Group 155 Proactive Care Software Service	U2V69E	\$2,145.00		•		•				
HP 4 year 24x7 Network Software Group 7 Proactive Care Software Service	U2U83E	\$2,158.00		•						
HP 4 year 24x7 Network Premium License Hi Proactive Care Software Service	U2V07E	\$2,158.00					•			
HP 5 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V26E	\$2,547.00		•						
HP 3 year 24x7 Network Software Group 9 Proactive Care Software Service	U2U88E	\$2,606.00		•						
HP 3 year 9x5 ProCurve Group 170 License Support	UV748E	\$2,628.00				•				
HP 5 year 24x7 Network Premium License Hi Proactive Care Software Service	U2V08E	\$2,740.00					•			
HP 5 year 24x7 Network Software Group 7 Proactive Care Software Service	U2U84E	\$2,740.00		•						
HP 4 year 24x7 Network Software Group 155 Proactive Care Software Service	U2V70E	\$2,846.00		•		•				
HP 3 year 24x7 ProCurve Group 170 License Support	UV749E	\$3,246.00				•				
HP 5 year 24x7 Network Software Group 155 Proactive Care Software Service	U2V71E	\$3,516.00		•		•				
HP 4 year 24x7 Network Software Group 9 Proactive Care Software Service	U2U89E	\$3,632.00		•						
HP 3 year 24x7 Network Software Group 170 Proactive Care Software Service	U2V30E	\$4,478.00				•				
HP 5 year 24x7 Network Software Group 9 Proactive Care Software Service	U2U90E	\$4,613.00		•						
HP 4 year 24x7 Network Software Group 170 Proactive Care Software Service	U2V31E	\$5,940.00				•				
HP 5 year 24x7 Network Software Group 170 Proactive Care Software Service	U2V32E	\$7,338.00				•				

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP VCX Licenses	HP VPN Licenses	HP Wireless Net Management Licenses	HP Wireless RF Manager Licenses	HP WX Software Licenses	IPS Controller Licenses
Fixed Port L3 Managed Ethernet Switches								
HP 5820-24XG-SFP+ Switch	JC102A	\$17,521.00					•	
HP 5820AF-24XG Switch	JG219A	\$17,550.00					•	
HP 5820-14XG-SFP+ Switch with 2 Slots	JC106A	\$19,469.00					•	
Modular Ethernet Switches								
HP 7503 Switch Chassis	JD240B	\$3,884.00		•			•	
HP 10504 Switch Chassis	JC613A	\$6,380.00		•				
HP 10508 Switch Chassis	JC612A	\$9,052.00		•				
HP 7503 Switch Chassis Configured to Order	JD240BC	N/A		•			•	
HP 7506 Switch Chassis	JD239B	\$6,812.00		•			•	
HP 10508-V Switch Chassis	JC611A	\$10,643.00		•				
HP 7503 Switch with 48-port Gig-T PoE+ Module and 384Gbps MPU with 2 XFP ports	JG507A	\$18,201.00		•			•	
HP 7506 Switch Chassis Configured to Order	JD239BC	N/A		•			•	
HP 7502 Switch Chassis Configured to Order	JD242BC	N/A		•			•	
HP 9505 Switch Chassis	JC124B	\$4,864.00					•	
HP 10512 Switch Chassis	JC748A	\$17,030.00		•				
HP 7506 Vertical Switch Chassis Configured to Order	JD241BC	N/A		•			•	
HP 7503 Switch Chassis with 1 Fabric Slot	JD243B	\$957.00		•			•	
HP 7502 Switch Chassis	JD242B	\$957.00		•			•	
HP 7506 Vertical Switch Chassis	JD241B	\$7,781.00		•			•	
HP 7506 Switch with 2 48-port Gig-T PoE+ Modules and 384Gbps MPU with 2 XFP ports	JG508A	\$23,179.00		•			•	
HP 7510 Switch with 2 48-port Gig-T PoE+ Modules and 768Gbps MPU	JG509A	\$26,021.00		•			•	
HP 7503 Switch Chassis with 1 Fabric Slot Configured to Order	JD243BC	N/A		•			•	
HP 7510 Switch Chassis Configured to Order	JD238BC	N/A		•			•	
HP 7510 Switch Chassis	JD238B	\$8,760.00		•			•	
WLAN Security								
HP RF Manager Controller with 50-sensor License	J9521A	\$11,011.00				•		
Software Support Services								
HP 1 year 9x5 Networks Software Group 115 License Support	HR781E	\$44.00	•					
HP 1 year 24x7 Networks Software Group 115 License Support	HR782E	\$58.00	•					
HP 1 year 9x5 Networks Software Group 130 License Support	HR787E	\$97.00	•					
HP 1 year 24x7 Networks Software Group 130 License Support	HR788E	\$125.00	•					
HP 1 year 24x7 Networks Group 9 Software Support	HS541E	\$135.00				•		
HP 3 year 9x5 ProCurve Group 115 License Support	UV726E	\$156.00	•					

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

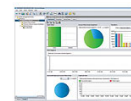
Product options	Part number	lp	HP VCX Licenses	HP VPN Licenses	HP Wireless Net Management Licenses	HP Wireless RF Manager Licenses	HP WX Software Licenses	IPS Controller Licenses
HP 3 year 24x7 ProCurve Group 115 License Support	UV727E	\$198.00	•					
HP 1 year 9x5 Networks Software Group 150 License Support	HR795E	\$256.00					•	
HP 3 year 24x7 Network Software Group 115 Proactive Care Software Service	U2V57E	\$280.00	•					
HP 1 year 24x7 Networks Software Group 150 License Support	HR796E	\$330.00					•	
HP 3 year 9x5 ProCurve Group 130 License Support	UV732E	\$344.00	•					
HP 4 year 24x7 Network Software Group 115 Proactive Care Software Service	U2V58E	\$371.00	•					
HP 3 year 24x7 ProCurve Group 130 License Support	UV733E	\$427.00	•					
HP 1 year 9x5 Networks Software Group 160 License Support	HR799E	\$450.00				•		
HP 5 year 24x7 Network Software Group 115 Proactive Care Software Service	U2V59E	\$458.00	•					
HP 1 year 24x7 Networks Software Group 160 License Support	HR800E	\$577.00				•		
HP 3 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V18E	\$591.00	•					
HP 4 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V19E	\$784.00	•					
HP 3 year 9x5 ProCurve Group 150 License Support	UV740E	\$907.00					•	
HP 1 year 9x5 Networks Software Group 175 License Support	HR805E	\$917.00				•		
HP 5 year 24x7 Network Software Group 130 Proactive Care Software Service	U2V20E	\$968.00	•					
HP 3 year 24x7 ProCurve Group 150 License Support	UV741E	\$1,123.00					•	
HP 1 year 24x7 Networks Software Group 175 License Support	HR806E	\$1,179.00				•		
HP 3 year 9x5 ProCurve Group 9 Software Support	UQ122E	\$1,311.00				•		
HP 3 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V24E	\$1,554.00					•	
HP 3 year 9x5 ProCurve Group 160 License Support	UV744E	\$1,595.00				•		
HP 3 year 24x7 ProCurve Group 9 Software Support	UQ123E	\$1,744.00				•		
HP 3 year 24x7 ProCurve Group 160 License Support	UV745E	\$1,966.00				•		
HP 4 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V25E	\$2,063.00					•	
HP 5 year 24x7 Network Software Group 150 Proactive Care Software Service	U2V26E	\$2,547.00					•	
HP 3 year 24x7 Network Software Group 9 Proactive Care Software Service	U2U88E	\$2,606.00				•		
HP 3 year 24x7 Network Software Group 160 Proactive Care Software Service	U2V27E	\$2,705.00				•		
HP 3 year 9x5 ProCurve Group 175 License Support	UV750E	\$3,253.00				•		
HP 4 year 24x7 Network Software Group 160 Proactive Care Software Service	U2V28E	\$3,589.00				•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP VCX Licenses	HP VPN Licenses	HP Wireless Net Management Licenses	HP Wireless RF Manager Licenses	HP WX Software Licenses	IPS Controller Licenses
HP 4 year 24x7 Network Software Group 9 Proactive Care Software Service	U2U89E	\$3,632.00				•		
HP 3 year 24x7 ProCurve Group 175 License Support	UV751E	\$4,016.00				•		
HP 5 year 24x7 Network Software Group 160 Proactive Care Software Service	U2V29E	\$4,434.00				•		
HP 5 year 24x7 Network Software Group 9 Proactive Care Software Service	U2U90E	\$4,613.00				•		
HP 3 year 24x7 Network Software Group 175 Proactive Care Software Service	U2V75E	\$5,535.00				•		
HP 1 year 9x5 Networks Software Group 220 License Support	HR825E	\$6,580.00		•				
HP 4 year 24x7 Network Software Group 175 Proactive Care Software Service	U2V76E	\$7,343.00				•		
HP 1 year 24x7 Networks Software Group 220 License Support	HR826E	\$8,466.00		•				
HP 5 year 24x7 Network Software Group 175 Proactive Care Software Service	U2V77E	\$9,071.00				•		
HP 1 year 9x5 Networks Software Group 230 License Support	HR829E	\$10,346.00		•				
HP 1 year 24x7 Networks Software Group 230 License Support	HR830E	\$13,312.00		•				
HP 3 year 9x5 ProCurve Group 220 License Support	UV768E	\$23,336.00		•				
HP 3 year 24x7 ProCurve Group 220 License Support	UV769E	\$28,826.00		•				
HP 3 year 9x5 ProCurve Group 230 License Support	UV772E	\$36,693.00		•				
HP 3 year 24x7 Network Software Group 220 Proactive Care Software Service	U2V45E	\$39,770.00		•				
HP 3 year 24x7 ProCurve Group 230 License Support	UV773E	\$45,325.00		•				
HP 4 year 24x7 Network Software Group 220 Proactive Care Software Service	U2V46E	\$52,760.00		•				
HP 3 year 24x7 Network Software Group 230 Proactive Care Software Service	U2V48E	\$62,532.00		•				
HP 5 year 24x7 Network Software Group 220 Proactive Care Software Service	U2V47E	\$65,177.00		•				
HP 4 year 24x7 Network Software Group 230 Proactive Care Software Service	U2V49E	\$82,954.00		•				
HP 5 year 24x7 Network Software Group 230 Proactive Care Software Service	U2V50E	\$102,479.00		•				

HP Identity Driven Manager (IDM), a plug-in to HP PCM+, dynamically provisions network security and performance settings based on user, device, location, time, and endpoint posture. Identity Driven Manager provides network administrators with the ability to centrally define and apply policy-based network access rights that allow the network to automatically adapt to the needs of



HP Identity Driven Manager Software Series

Standard features

- Performance**

Traffic prioritization: can be automatically applied for each session based on user, device, location, and time of day, allowing appropriate prioritization of network traffic

- Security**

Policy-based network access rights: network access policies specifying network security and performance are defined based on the user, time, location, device, and endpoint posture and then dynamically enforced at the edge of the network, where users and devices connect

- Integration**

HP network management solutions: HP PCM Plus: IDM is delivered on the HP PCM+ Secure Domain Architecture, which delivers increased scalability and security. HP Network Immunity Manager: IDM delivers enhanced integration with HP Network Immunity Manager, which monitors the network for threats and applies policy-based mitigations to offending endpoints or users; IDM and NIM work together to provide consistent and effective network security.

- Ease of use**

Simple Network Access Control: Self-registration: reduces administration effort by enabling end users to add themselves to the access control database; user's access is validated via an Active Directory; no additional software is required on end-user systems. Auto-allow groups: devices such as IP phones, printers, and certain uncontrolled devices can be given network access and segregated by device type.

- Warranty and support**

Electronic and telephone support: limited electronic and telephone support is available from HP; refer to www.hp.com/networking/warranty for details on the support provided and the period during which support is available

Standard Models	Part number	wc	lp
HP PCM+ Identity Driven Manager v4 Software Module with 500-user License	J9752A	NA	\$4,909.00
HP PCM+ Identity Driven Manager v4 Software Module with Unlimited-user License	J9753A	NA	\$26,749.00

Warranty



HP IMC Smart Connect Virtual Appliance Software

Standard features

- Application highlights**

Virtualization appliance: HP IMC Smart Connect Software is offered as a virtualization appliance: . - allows easy installation and configuration. - includes an embedded SQL database and RedHat Linux operating system. - comes with license for 100 device nodes and 200 users. - delivered in an OVA file. share server hardware with other applications : . - reduces complexity of installation. - simplifies deployment and operational and infrastructure management.

Standard Models	Part number	wc	lp
HP IMC Smart Connect Virtual Appliance Edition E-LTU	JG659AAE	NA	\$11,702.00

- Management**

HP Intelligent Management Center (IMC): cohesively integrates fault management, element configuration, and network monitoring from a central vantage point; with support for third-party devices, IMC Software enables network administrators to centrally manage all network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, and software images; the software also provides configuration comparison tools, version tracking, change alerts, and more

- Warranty and support**

Warranty: one-year limited lifetime hardware warranty; 90-day limited software warranty; 90 days of telephone technical support

- Minimum system requirements: Intel Xeon processor E5-2609, quad-core; 12 GB RAM; 1200 GB; 1000 Mbps

Warranty



HP IMC Smart Connect w/WLAN Manager Virtual Appliance Software

Standard features

• Application highlights

Virtualization appliance: HP IMC Smart Connect Software is offered as a virtualization appliance: . - allows easy installation and configuration. - includes an embedded SQL database and RedHat Linux operating system. - comes with license for 100 device nodes, 200 users and 50 access points. - delivered in an OVA file. share server hardware with other applications : . - reduces complexity of installation. - simplifies deployment and operational and infrastructure management.

• Management

HP Intelligent Management Center (IMC): cohesively integrates fault management, element configuration, and network monitoring from a central vantage point; with support for third-party devices, IMC Software enables network administrators to centrally manage all network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, and software images; the software also provides configuration comparison tools, version tracking, change alerts, and more

• Warranty and support

Warranty: one-year limited lifetime hardware warranty; 90-day limited software warranty; 90 days of telephone technical support

- Minimum system requirements: Intel Xeon processor E5-2609, quad-core; 12 GB RAM; 1200 GB; 1000 Mbps

Standard Models	Part number	wc	lp
HP IMC Smart Connect w/WLAN Manager Virtual Appliance Edition E-LTU	JG660AAE	NA	\$14,478.00

Warranty

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. Application Performance Manager (APM) is an IMC module, which allows administrators to visualize and measure the health of critical business



HP Intelligent Management Center Application Performance Manager Software

Standard features

• Management

Flexible deployment architecture: APM leverages two mechanisms to monitor and manage applications - agent and agentless. The agent is installed on servers to provide feedback to IMC. The agentless mechanism uses CLI/telnet for monitoring servers.

- Minimum system requirements: Pentium 4 3.0Ghz processor; 8 GB RAM; 150 GB

Standard Models	Part number	wc	lp
HP IMC Application Performance Manager Software Module with 25-monitor E-LTU	JG489AAE	NA	\$8,574.00
HP IMC Application Performance Manager Software Module with 25-monitor License	JG489A	NA	N/A

Warranty

HP Intelligent Management Center (IMC) Basic Software Platform is next-generation network management software with unified resource and device management. IMC Basic is designed for simplicity and ease-of-use and offers many capabilities which make it an ideal choice for small-to-medium businesses with small network environments who need single-pane of glass visibility into



HP Intelligent Management Center Basic Software Platform

Standard features

- Management**

HP Intelligent Management Center Basic Software: Cohesively integrates fault management, element configuration, and network monitoring from a central vantage point. Built-in support for third-party devices enables network administrators to centrally manage all network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, and software images. IMC Basic Software provides configuration comparison tools, version tracking, change alerts and more.

Standard Models	Part number	wc	lp
HP IMC Basic Edition Software Platform with 50-node E-LTU	JG546AAE	NA	\$2,121.00

- Warranty and support**

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- Browser supported: Firefox 3.6 or later is recommended
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 10/100 Mbps
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 Mbps

Warranty

HP Intelligent Management Center (IMC) Basic WLAN Manager Software Platform provides unified management of wired and wireless networks, adding wireless network management functions into existing wired network management systems. IMC Basic WLAN Software offers wireless LAN (WLAN) device configuration, topology, performance monitoring, RF heat mapping, and WLAN



HP Intelligent Management Center Basic WLAN Manager Software Platform

Standard features

• Management

Centralized deployment model: IMC Basic Software delivers an extensive set of capabilities for managing small heterogeneous wired and wireless networks and is optimized for simplicity and ease-of-use.

• Warranty and support

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- Browser supported: Microsoft Internet Explorer 6.0 or later; Firefox 3.0
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 8 GB RAM; 150 GB; 1000 MB
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 MB

Standard Models	Part number	wc	lp
HP IMC Basic WLAN Manager Software Platform with 50 Access Points E-LTU	JG590AAE	NA	\$5,844.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Warranty

HP Intelligent Management Center (IMC) Branch Intelligent Management System (BIMS) uses an intelligent component-based architecture to provide powerful support for service operations, delivering high reliability, scalability, flexibility and IP investment returns. Based on the TR-069 protocol, IMC BIMS offers resource, configuration, service, alarm, group, and privilege



HP Intelligent Management Center Branch Intelligent Management Software

Standard features

• Management

Managing dynamic IP devices: BIMS uses serial number rather than IP to identify a device

• Security

More secure: BIMS can use HTTPS to communicate with or transfer files to the device, it is more secure than TFTP, FTP or Telnet.

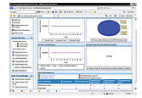
• Configuration

Easily upgrade device configurations in batches: BIMS automates batch update or upgrade on configuration files and operating system software image for network devices; this is especially convenient when numerous similarly-configured devices need to update their configuration. BIMS automates the many time-consuming steps required to upgrade while reducing the error-prone complexities of the upgrade process.

Standard Models	Part number	wc	lp
HP IMC Branch Intelligent Management System Software Module with 50-node License	JG265A	NA	N/A
HP IMC Branch Intelligent Management System Software Module with 50-node E-LTU	JG265AAE	NA	\$4,472.00

Warranty

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. The IMC module Endpoint Admission Defense (EAD) Software reduces network exposure by integrating security policy management and endpoint



HP Intelligent Management Center Endpoint Admission Defense Software

Standard features

- Management**

Endpoint access control and management: EAD software supplies control and management of endpoint equipment; this module requires that a fully licensed version of the UAM module be installed; the number of licensed nodes for EAD software must match the number of User Access Manager (UAM) licensed nodes

Standard Models	Part number	wc	lp
HP IMC Endpoint Admission Defense Software Module with 200-user E-LTU	JF391AAE	NA	\$5,828.00

- Security**

Complete security evaluation: EAD reduces network vulnerabilities by determining endpoint compliance to defined policies; security checks can include virus definition, required patches, personal firewall or hard disk encryption applications, and custom checks; EAD supports auto-remediation options with integration to patch management software like Microsoft® Systems Management Server (SMS)/Windows® Server Update Services (WSUS), and with antivirus software from Symantec, McAfee, and Trend Micro

- Warranty and support**

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- Browser supported: Firefox 3.6 or later is recommended; Internet Explorer 8.0 or later is recommended
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 1000 MB
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 MB

Warranty

HP Intelligent Management Center (IMC) Enterprise Edition is a standalone, comprehensive management platform that delivers next-generation, integrated, modular network management capabilities that efficiently meet the needs of advanced, heterogeneous enterprise networks. IMC Enterprise Edition is designed on a service-oriented architecture (SOA) using a business application



HP Intelligent Management Center Enterprise Software Platform

Standard features

• Management

Highly flexible and scalable deployment models: IMC Enterprise Software delivers an extensive set of capabilities for managing large-sized networks and supplies a greater level of scalability and high availability through a flexible distributed deployment model than is the case with IMC Standard Software deployments; IMC Software can be deployed across multiple servers in a hierarchical architecture to provide increased scalability and resilience

• Warranty and support

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- Browser supported: Firefox 3.6 or later is recommended; Internet Explorer 8.0 or later is recommended
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 10/100 Mbps
- Minimum system requirements: Pentium 4 3.0GHz processor; 4 GB RAM; 50 GB; 10/100 Mbps

Standard Models	Part number	wc	lp
HP IMC Enterprise Edition Software Platform with 200-Node E-LTU	JF378AAE	NA	\$24,521.00

Warranty

The eAPIs are an extension of IMC's open and extensible platform and can be used to share this SOA platform with an organization's homegrown and in-house applications. By integrating with IMC, developers can ensure their applications will work with all the aggregated network data collected by IMC. Developers can write their programs only once to interface with IMC, instead of



HP Intelligent Management Center Extended API Software

Standard features

• Management

Comprehensive Coverage: eAPIs available for most IMC modules. The majority of IMC web operations have associated APIs.

- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 10/100 MB
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 MB

Standard Models	Part number	wc	lp
HP IMC Extended API E-LTU	JG399AAE	NA	\$10,724.00
HP IMC Extended API License	JG399A	NA	N/A

Warranty

HP Intelligent Management Center Firewall Manager Software is a powerful system for comprehensive analysis and management of firewall devices. It supports centralized policy configuration management and real-time monitoring of firewall devices throughout the network, implements collection and comprehensive analysis of attack event information, enables log



HP Intelligent Management Center Firewall Manager Software

Standard features

- Management**

Flexible and convenient policy management: Centralize manage firewall policies, and distribute a policy to multiple devices. Simplifies policy maintenance and achieves policy consistency.

- Warranty and support**

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

Standard Models	Part number	wc	lp
HP Firewall Manager E-LTU	JD295AAE	NA	\$4,559.00

Warranty

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. HP IMC Intelligent Analysis Reporter (IAR) extends the reporting capabilities within IMC to include customized reporting. These extended reporting



HP Intelligent Management Center Intelligent Analysis Reporter Software

Standard features

- Management**

Powerful report design tools: Visual design environment: Drag and drop reporting elements such as title and other parameters.. Extensible report formats: Supports a variety of table formats.. Supported Chart types: Bar chart, pie chart, gannt chart, curve chart, bubble chart, ring chart, radar chart and more..

- Browser supported: Microsoft Internet Explorer 6.0 or later; Firefox 3.0
- System requirements, recommended: 3.0 GHz Intel® Pentium® 4 or equivalent; 2 GB RAM; 100 GB; 1000 MB
- Minimum system requirements: 2.0 GHz Intel® Pentium® 4 or equivalent; 1 GB RAM; 20 GB; 10/100 MB

Standard Models	Part number	wc	lp
HP IMC Intelligent Analysis Reporter Software License	JG138A	NA	N/A
HP IMC Intelligent Analysis Reporter Software E-LTU	JG138AAE	NA	\$8,574.00

Warranty

HP Intelligent Management Center Intelligent Traffic Analyzer Software

Standard Models	Part number	wc	lp
HP IMC Intelligent Traffic Analyzer Software	JD296A	NA	N/A

HP IPsec VPN Manager (IVM) is a module for the HP Intelligent Management Center (IMC) platform that provides features for all aspects of IPsec VPN management. HP IPsec VPN Manager delivers a total VPN solution to construct an IPsec VPN network, effectively monitor operation and performance of the VPN network and quickly locate device faults for full IPsec VPN life-cycle



HP Intelligent Management Center IPsec/VPN Manager Software

Standard features

- **Management**

Reduced VPN setup and management time: The HP IPsec VPN Manager (IVM) module provides autodiscovery, automatic performance to monitor thresholds, and a creation wizard to reduce IPsec VPN creation and management. Wizards help administrators quickly deploy IPsec VPN networks. The wizard is useful for simplifying the creation of even complicated VPN networks, reducing configuration load and decreasing maintenance costs.

- Browser supported: Microsoft Internet Explorer 6.0 or later; Firefox 3.0
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 200 GB; 1000 MB
- Minimum system requirements: 2.0 GHz Intel® Pentium® III or equivalent; 2 GB RAM; 20 GB; 10/100 MB

Standard Models	Part number	wc	lp
HP IMC IPsec VPN Manager Software Module with 25-node E-LTU	JG144AAE	NA	\$3,409.00

Warranty

Providing reliable, private connections is a good way to maximize the value of your network. Virtual private networks (VPNs) enable you to use the Internet as a medium for secure data exchanges. But they must maintain minimum service levels and improve network resource utility to enable delivery of bandwidth-intensive applications such as streaming multimedia. Established



HP Intelligent Management Center MPLS VPN Manager Software

Standard features

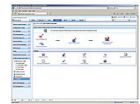
- Management**

MPLS VPN resource management: the MPLS VPN Manager (MVM) provides an easy way to add VPN resources such as provider edges (PEs), customer edges (CEs), and VPNs. PEs and CEs can be imported from the basic network resources, while VPNs can be either manually added or automatically discovered.

Standard Models	Part number	wc	lp
HP IMC MPLS VPN Software Module with 50-node E-LTU	JF410AAE	NA	\$23,351.00

Warranty

HP IMC Network Traffic Analyzer (NTA) Software Module is a graphical network-monitoring tool that provides network administrators with real-time information about users and applications consuming network bandwidth. A reliable solution for enterprise and campus network traffic analysis, it defends the network against virus attacks and applies varying levels of bandwidth



HP Intelligent Management Center Network Traffic Analyzer Software

Standard features

- Additional information**

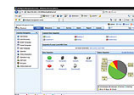
Network-wide surveillance: The Network Traffic Analysis (NTA) module for IMC provides visibility of complex multilayer switched and routed environments, delivering the rapid identification and resolution of any threat to the network; this information allows administrators to enforce security policies, identify suspicious behavior quickly, respond to security threats, provide quality of service, account for network usage, and reduce network costs.

- Browser supported: Microsoft Internet Explorer 6.0 or later; Firefox 3.0
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 8 GB RAM; 600 GB; 1000 MB
- Minimum system requirements: 3.0 GHz Intel® Pentium® III or equivalent; 4 GB RAM; 150 GB; 10/100 MB

Standard Models	Part number	wc	lp
HP IMC Network Traffic Analyzer Software Module with 10-node E-LTU	JF384AAE	NA	\$6,806.00

Warranty

HP IMC Quality of Service Manager (QoSM) Software enhances visibility and control over QoS configurations on network devices. It helps administrators focus on QoS service planning and the most economical and effective use of network resources by providing a rich set of QoS device and configuration management functions, and ignoring differences in the QoS configurations of multiple



HP Intelligent Management Center QoS Software

Standard features

- Quality of Service (QoS)**

Powerful QoS equipment management: In combination with the functions provided with the IMC platform, a QoS enabled device can be added to QoSM for managing QoS-specific functions.

Standard Models	Part number	wc	lp
HP IMC QoS Manager Software Module E-LTU	JF408AAE	NA	\$16,540.00

Warranty

IMC is a modular yet comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. The IMC Remote Site Manager (RSM) securely extends IMC's core platform capability to remote sites, by deploying remote agents. These remote agents manage and monitor the remote



HP Intelligent Management Center Remote Site Manager Software

Standard features

- Management**

FCAPS management for each remote agent: - Can provide popular network management functions through RSM agents including resource management, alarm, configuration, security, performance, topology, etc..

- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 10/100 MB
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 MB

Standard Models	Part number	wc	lp
HP IMC Remote Site Manager Software Module with License	JG495A	NA	N/A
HP IMC Remote Site Manager Software Module with E-LTU	JG495AAE	NA	\$799.00

Warranty

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. IMC Service Health Manager (SHM) is an IMC module which provides end-to-end service monitoring, service assurance through the visualization of



HP Intelligent Management Center Service Health Manager Software

Standard features

• Management

Predefined KPIs and custom KPIs: Comprehensive KPI collecting: SHM can predefine five KPIs (device monitoring, interface monitoring, NQA voice, NQA link, NTA traffic) by extracting the KPI indexes from all IMC modules (including platform traps, performance, NQA, NTA, etc.) to realize metered definition of network performance.. Predefine abundant KQIs: Customers can predefine different KQIs including device status, interface performance, NQA voice and link quality, NTA host traffic, etc..

- Browser supported: IE 8.0 or later is recommended; Firefox 3.6 or later is recommended
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 200 GB; 1000 MB
- Minimum system requirements: Pentium 4 3.0GHz processor; 2 GB RAM; 100 GB; 1000 MB

Standard Models	Part number	wc	lp
HP IMC Service Health Manager Software Module E-LTU	JG398AAE	NA	\$6,436.00
HP IMC Service Health Manager Software Module License	JG398A	NA	N/A

Warranty

HP Intelligent Management Center (IMC) Service Operation Management (SOM) Software focuses on operations and management flow to provide full IT lifecycle management. It allows IT organizations to adhere to ITIL v3.0, including IT services such as policy design, operation, and improvement. Through flow management, SOM software provides controls, measures, and audit



HP Intelligent Management Center Service Operation Management Software

Standard features

• Management

Complete service operation flow management: SOM software provides lifetime management of IT network operations from ticket creation, status checks, and execution to resolution, close, and after-audit operations

• Warranty and support

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

Standard Models	Part number	wc	lp
HP IMC Service Operation Management Software Module E-LTU	JG139AAE	NA	\$32,999.00
HP IMC Service Operation Management Software Module License	JG139A	NA	N/A

Warranty

HP Intelligent Management Center (IMC) Standard Software is a standalone, comprehensive management platform that delivers integrated, modular management capabilities across fault, configuration, accounting, performance, and security needs. IMC Standard Software is designed on a service-oriented architecture (SOA) using a business application flow model as its core to allow



HP Intelligent Management Center Standard Software Platform

Standard features

- Management**

HP Intelligent Management Center (IMC) Standard Software: Cohesively integrates fault management, element configuration, and network monitoring from a central vantage point. Built-in support for third-party devices enables network administrators to centrally manage all network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, and software images. IMC Software provides configuration comparison tools, version tracking, change alerts and more.

Standard Models	Part number	wc	lp
HP IMC Standard Edition Software Platform with 100-node E-LTU	JF377AAE	NA	\$7,261.00

- Warranty and support**

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- Browser supported: Firefox 3.6 or later is recommended; Internet Explorer 8.0 or later is recommended
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 10/100 Mbps
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 Mbps

Warranty

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. TACACS+ Authentication Manager (TAM) is an IMC module, which provides basic authentication, authorization and accounting functions for network



HP Intelligent Management Center TACACS+ Authentication Manager Software

Standard features

- Management**

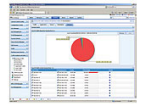
Support device identification and authentication: - Support multiple accesses including Telnet, SSH, FTP, etc.. - Support multiple identity verifications including ASCII, PAP, CHAP, etc.. - Support unified authentication with LDAP server, windows domain server, third-party LDAP-enabled email system, etc..

Standard Models	Part number	wc	lp
HP IMC TACACS+ Authentication Manager Software Module with 100-node License	JG483A	NA	N/A
HP IMC TACACS+ Authentication Manager Software Module with 100-node E-LTU	JG483AAE	NA	\$2,674.00

- Minimum system requirements: 2.8Ghz 4-core or 2 dual-core processor; 8 GB RAM; 160 GB; 10/100 MB

Warranty

Intelligent Management Center (IMC) is a modular yet comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. HP IMC User Access Management (UAM) Software supports user identity authentication based on access policies associated with infrastructure



HP Intelligent Management Center User Access Management Software

Standard features

- Management**

Centralized access user management: provides centralized policy creation to set the appropriate access rights for each type of user and device across the network; access-user-related management functions are integrated into a user-friendly interface for easy operation; user management includes authentication binding policy, security policy, and access control policy; additionally, policies can be set for concurrent sessions and proxy servers

- Warranty and support**

Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- Browser supported: Firefox 3.6 or later is recommended; Internet Explorer 8.0 or later is recommended
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 1000 Mbps
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 Mbps

Standard Models	Part number	wc	lp
HP IMC User Authentication Management Software Module with 200-user E-LTU	JF388AAE	NA	\$2,918.00

Warranty

Many enterprises are facing security threats from their internal networks. Auditing the online behavior of internal users is an effective way to find and solve such security threats. To satisfy this need, HP Intelligent Management Center (IMC) user behavior auditor (UBA) was introduced. It provides a high-performance, scalable network log audit and analysis solution. UBA provides



HP Intelligent Management Center User Behavior Module Software

Standard features

- Management**

Service configuration: - Probe management. - Device management. - Server management. - Application management. - Application identification management. - Parameter configuration.

Standard Models	Part number	wc	lp
HP IMC User Behavior Auditor Software Module with 200-user E-LTU	JF421AAE	NA	\$6,810.00

Warranty

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. Virtual Application Networks Manager is an IMC module, which delivers a template based approach for managing network configuration policies,



HP Intelligent Management Center Virtual Application Network Manager Software

Standard features

- Management**

Edge switch management: IMC monitors and manages the VMs that are connected to the edge switches. An ACL number range is defined for each edge switch for ACL planning. You can query, add, or delete an edge switch.

- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 4 GB RAM; 100 GB; 10/100 MB
- Minimum system requirements: Intel® Pentium® 4 3.0 GHz; 4 GB RAM; 50 GB; 10/100 MB

Standard Models	Part number	wc	lp
HP IMC Virtual Application Network Manager Software Module with License	JG494A	NA	N/A
HP IMC Virtual Application Network Manager Software Module with E-LTU	JG494AAE	NA	\$10,724.00

Warranty



HP Intelligent Management Center Virtualization Monitor Software

Warranty

Standard Models	Part number	wc	lp
HP IMC Virtualization Monitor Software with E-LTU	JG547AAE	NA	\$3,188.00

The HP IMC Voice Services Manager (VSM) Software Module supports integrated voice communications, and provides resource and service management for HP voice infrastructures and IP phones. IMC VSM software helps enterprise businesses configure, monitor, and enhance the performance of media servers, gateways, and endpoints. It also helps them monitor VoIP traffic



HP Intelligent Management Center Voice Services Manager Software

Standard features

• Management

Resource management: - VCX device list and management. - VCX data server. - IP phone list and autodiscovery. - Basic voice information. - Component management. - SNMP agent and manager. - XML accounting server. - Application downloader. - SIP call processor. - IP messaging system. - Media gateway device list and management. - Channel status information. - Trunk and PM PSTN settings. - DSP and PM trunk utilization. - HTTP user settings.

Standard Models	Part number	wc	lp
Программный модуль HP IMC Voice Services Manager с лицензией на 10 телефонов	JF402A	NA	N/A
HP IMC Voice Services Manager Software Module with 100-phone E-LTU	JF402AAE	NA	\$3,877.00

Warranty

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle. An optional IMC module, IMC Wireless Services Manager (WSM) Software provides unified management of wired and wireless networks, adding



HP Intelligent Management Center Wireless Services Manager Software

Standard features

• Management

WLAN device management: IMC WSM Software supports the HP MSM series of WLAN devices, including controllers, fit access points (APs) and fat APs.

• Warranty and support

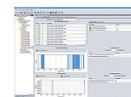
Electronic and telephone support: limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- Browser supported: Microsoft Internet Explorer 6.0 or later; Firefox 3.0
- System requirements, recommended: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent; 8 GB RAM; 150 GB; 1000 Mbps
- Minimum system requirements: 3.0 GHz Intel® Pentium® III or equivalent; 4 GB RAM; 30 GB; 10/100 Mbps

Standard Models	Part number	wc	lp
HP IMC Wireless Service Manager Software Module with 50-Access Point E-LTU	JF414AAE	NA	\$2,918.00

Warranty

HP Mobility Manager (MM) is a software module that monitors wireless networks, aids in RF visualization, and leverages HP PCM+ tools in the management of mobility devices. It also integrates with other HP PCM+ plug-ins such as HP Identity Driven Manager to protect and control access to wireless services.



HP Mobility Manager Software Series

Standard features

- Additional information**

Mobility dashboard: Summary views: display connectivity status for wireless devices, neighbors, unmanaged devices, and clients (end users); include graphs and performance charts for trending and traffic monitoring. Real-time monitoring: Mobility Manager provides connectivity status of controllers, managed APs and autonomous APs every 30 seconds. Customizable panels: allows you to customize a dashboard by choosing which graphs and charts are displayed in your dashboard.

- Warranty and support**

Electronic and telephone support: limited electronic and telephone support is available from HP; refer to www.hp.com/networking/warranty for details on the support provided and the period during which support is available

Standard Models	Part number	wc	lp
HP PCM+ Mobility Manager v4 Software Module License	J9751A	NA	\$1,963.00

Warranty

HP NBX Software

Standard Models	Part number	wc	lp
HP NBX IP Tie Line 60-Day Trial Software	JD722A	NA	N/A
HP NBX 3rd Party Messaging 60-Day Trial Software	JD725A	NA	N/A
HP NBX VPIM 60-Day Trial Software	JD723A	NA	N/A
HP NBX WAV 4-port 60-day Trial License	JD736A	NA	N/A
HP NBX WAV Application Single Port License	JD737A	NA	N/A
HP Complement Attendant Software	JD727A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 3 year 24x7 ProCurve Group 100 License Support	UV721E	\$31.00
HP 3 year 9x5 ProCurve Group 100 License Support	UV720E	\$31.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

HP ProCurve Manager Plus is a Microsoft Windows-based network management platform that enables mapping, configuration, and monitoring. HP ProCurve Manager Plus 3.0 provides security and extensibility for small to large networks with remote sites.



HP ProCurve Manager Plus Software

Warranty

Standard Models	Part number	wc	lp
HP PCM+ v4 Software Platform with 50-device License	J9755A	NA	\$1,786.00
HP PCM+ v4 Software Platform with Unlimited-device License	J9757A	NA	\$22,288.00

HP X.25 Software

Warranty

- **3U**
 Warranty period - 90 Days
 Service location - HP
 Service level - Replacement
 Installation included - No
 Applicable note(s) - 4,6,16

Standard Models	Part number	wc	lp
HP X.25 v2 HP-UX for Integrity/9000 LTU	J2793B	3U	N/A
HP X.25 v2 HP-UX for Integrity/9000 E-LTU	J2793BAE	NA	N/A



Mellanox Software

Warranty

- **60**
 Warranty period - 90 Days
 Service location - HP/Dealer
 Service level - Replacement
 Installation included - No
 Applicable note(s) - 16

Standard Models	Part number	wc	lp
Mellanox Unified Fabric Manager 1yr 24x7 Updates and Technical Support Flex Lic	BD569A	60	\$160.00
Mellanox Unified Fabric Manager 3yr 24x7 Updates and Technical Support Flex Lic	BD570A	60	\$215.00
Mellanox Unified Fabric Manager Advanced 1yr 24x7 Updates and Tech Supp Flex Lic	BD571A	60	\$445.00
Mellanox Unified Fabric Manager Advanced 3yr 24x7 Updates and Tech Supp Flex Lic	BD572A	60	\$610.00
Mellanox Acceleration Software 1yr 24x7 Updates and Technical Support Flex Lic	BD573A	60	\$1,040.00
Mellanox Acceleration Software 3yr 24x7 Updates and Technical Support Flex Lic	BD574A	60	\$1,420.00

RF Planner accurately models WLAN coverage by factoring in variables such as physical features, building materials, and WLAN equipment characteristics. It also facilitates deployment by assessing security risks and generating equipment lists.



ΠΟ HP ProCurve Radio Frequency Planner

Warranty

- **3U**
 Warranty period - 90 Days
 Service location - HP
 Service level - Replacement
 Installation included - No
 Applicable note(s) - 4,6,16

Standard Models	Part number	wc	lp
HP RF Planner	J9400A	3U	\$4,914.00

Решения управления сетями для устройств HP ProCurve в средах Windows, HP OpenView и HP-UX



Сетевая файловая система ServiceGuard NFS

Warranty

- **3U**
 Warranty period - 90 Days
 Service location - HP
 Service level - Replacement
 Installation included - No
 Applicable note(s) - 4,6,16

Standard Models	Part number	wc	lp
Лицензия HP ServiceGuard NFS Toolkit	B5140BA	3U	\$1,177.00

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Identity Driven Manager Software Series	HP IMC Smart Connect Virtual Appliance Software	HP IMC Smart Connect w/WLAN Manager Virtual Appliance Software	HP Intelligent Management Center Application Performance Manager	HP Intelligent Management Center Basic Software Platform	HP Intelligent Management Center Basic WLAN Manager Software Platform	HP Intelligent Management Center Branch Intelligent Management Software	HP Intelligent Management Center Endpoint Admission Defense Software
Networking Fans/Fan Options										
HP HSR6602 Router Spare Fan Assembly	JG359A	\$532.00							•	
Networking Memory										
HP X610 2G VLP DDR3 SDRAM Memory	JG482A	\$319.00							•	
Router Cables										
Кабель последовательного порта HP X200 X.21 DCE 3 м	JD529A	\$27.00							•	
Кабель последовательного порта HP X200 V.24 DTE 3 м	JD519A	\$31.00							•	
Кабель последовательного порта HP X200 V.24 DCE 3 м	JD521A	\$31.00							•	
Кабель последовательного порта HP X200 V.35 DTE 3 м	JD523A	\$32.00							•	
Кабель последовательного порта HP X200 X.21 DTE 3 м	JD527A	\$48.00							•	
HP X260 RS449 3m DCE Serial Port Cable	JF826A	\$48.00							•	
HP X260 RS530 3m DCE Serial Port Cable	JF828A	\$48.00							•	
HP X260 RS449 3m DTE Serial Port Cable	JF825A	\$48.00							•	
Кабель-переходник для маршрутизатора HP X260 E1 RJ45 BNC (75-120 Ом)	JD511A	\$51.00							•	
Кабель последовательного порта HP X200 V.35 DCE 3 м	JD525A	\$64.00							•	
Кабель маршрутизатора HP X260 8E1 BNC 75 Ом 3 м	JD512A	\$87.00							•	
Router Modules										

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Identity Driven Manager Software Series	HP IMC Smart Connect Virtual Appliance Software	HP IMC Smart Connect w/WLAN Manager Virtual Appliance Software	HP Intelligent Management Center Application Performance Manager	HP Intelligent Management Center Basic Software Platform	HP Intelligent Management Center Basic WLAN Manager Software Platform	HP Intelligent Management Center Branch Intelligent Management Software	HP Intelligent Management Center Endpoint Admission Defense Software
HP MSR 8-port Sync/Async Interface Enhanced Module	JD552A	\$1,851.00						•		
HP MSR 8-port Fractional E1 MIM Module	JF255A	\$3,708.00						•		
HP 6600 FIP-10 Flexible Interface Platform Router Module	JG357A	\$3,722.00						•		
HP 6600 FIP-20 Flexible Interface Platform Router Module	JG358A	\$4,042.00						•		
4-портовый модуль HP GbE SFP HIM A6600	JC171A	\$4,576.00						•		
HP 6600 8-port 10/100BASE-T HIM Router Module	JC575A	\$4,788.00						•		
1-портовый модуль HP OC-3c/STM-1c ATM HIM A6600	JC175A	\$4,864.00						•		
4-портовый модуль HP GbE WAN HIM A6600	JC163A	\$5,353.00						•		
8-портовый модуль HP GbE SFP HIM A6600	JC174A	\$6,620.00						•		
2-портовый модуль HP OC-3/1-port OC-12 POS HIM A6600	JC173A	\$7,302.00						•		
8-портовый модуль HP GbE WAN HIM A6600	JC164A	\$7,791.00						•		
1-портовый модуль HP 10-GbE XFP HIM A6600	JC168A	\$7,791.00						•		
HP 6600 2-port OC-3c/STM-1c ATM SFP Router Module	JC495A	\$7,795.00						•		
1-портовый модуль HP OC-3 E3/T3 CPOS HIM A6600	JC170A	\$10,708.00						•		
4-портовый модуль HP OC-3/2-port OC-12 POS HIM A6600	JC172A	\$14,604.00						•		
1-портовый модуль HP OC-3 E1/T1 CPOS1 HIM A6600	JC161A	\$15,573.00						•		
2-портовый модуль HP OC-3 E3/T3 CPOS HIM A6600	JC169A	\$17,031.00						•		
2-портовый модуль HP OC-3 E1/T1 CPOS HIM A6600	JC162A	\$31,157.00						•		
HP 6600 2-port OC-48c/STM-16c RPR SFP HIM Router Module	JC576A	\$36,779.00						•		
HP 6600 1-port OC-48/STM-16 POS (SFP) Router Module	JC494A	\$38,941.00						•		
Блоки питания для сетей										
HP 5800 300W AC Power Supply	JC087A	\$478.00						•		
HP 5800 300W DC Power Supply	JC090A	\$968.00						•		
Лицензии HP ProCurve Networking										
HP PCM+ Identity Driven Manager v4 additional 1000-user License	J9754A	\$2,222.00	•							
HP PCM+ Mobility Manager to IMC Basic WLAN Platform Upgrade with 50-node and 150 Access Point E-LTU	JG550AAE	\$3,188.00						•		
HP IMC Application Manager additional 50-monitor E-LTU	JG490AAE	\$3,211.00				•				
HP IMC Branch Intelligent Management System additional 1000-node E-LTU	JG269AAE	\$51,081.00							•	
Дополнительная лицензия HP IMC Endpoint Admission Defense на 500 пользователей	JF393A	N/A								•
HP IMC Application Manager additional 50-monitor License	JG490A	N/A				•				

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Identity Driven Manager Software Series	HP IMC Smart Connect Virtual Appliance Software	HP IMC Smart Connect w/WLAN Manager Virtual Appliance Software	HP Intelligent Management Center Application Performance Manager	HP Intelligent Management Center Basic Software Platform	HP Intelligent Management Center Basic WLAN Manager Software Platform	HP Intelligent Management Center Branch Intelligent Management Software	HP Intelligent Management Center Endpoint Admission Defense Software
Дополнительная лицензия HP IMC Endpoint Admission Defense на 5000 пользователей	JF395A	N/A								•
Дополнительная лицензия HP IMC Endpoint Admission Defense на 1000 пользователей	JF394A	N/A								•
HP IMC Application Manager additional 500-monitor E-LTU	JG492AAE	\$21,461.00				•				
HP IMC Application Manager additional 1000-monitor License	JG493A	N/A				•				
HP PCM+ to IMC Basic Software Platform Upgrade with 50-node E-LTU	JG548AAE	\$1,053.00					•			
HP IMC Application Manager additional 1000-monitor E-LTU	JG493AAE	\$37,549.00				•				
Дополнительная лицензия HP IMC Endpoint Admission Defense на 200 пользователей	JF392A	N/A								•
HP IMC Application Manager additional 100-monitor E-LTU	JG491AAE	\$5,361.00				•				
HP IMC Application Manager additional 500-monitor License	JG492A	N/A				•				
Приемопередатчики										
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00						•		
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00						•		
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00						•		
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00						•		
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00						•		
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00						•		
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00						•		
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00						•		
Трансивер HP X110 100M SFP LC LH80	JD091A	\$1,476.00						•		
HP X120 622M SFP LC LX 15km Transceiver	JF829A	\$1,792.00						•		
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00						•		
HP X130 10G XFP LC SR Transceiver	JD117B	\$1,936.00						•		
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00						•		
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00						•		
HP X120 622M SFP LC LH 40km 1310 Transceiver	JF830A	\$2,134.00						•		
HP X160 2.5G SFP LC 2km Transceiver	JD084A	\$2,437.00						•		
Трансивер HP X160 2.5G SFP LC 15km	JD085A	\$2,873.00						•		
HP X130 10G XFP LC LR Transceiver	JD108B	\$3,405.00						•		
HP X120 622M SFP LC LH 80km 1550 Transceiver	JF831A	\$3,964.00						•		
HP X130 10G SFP+ LC LR Transceiver	JD094B	\$4,172.00						•		
Трансивер HP X120 1G SFP LC LH100	JD103A	\$4,768.00						•		
HP X130 10G SFP+ LC ER 40km Transceiver	JG234A	\$10,430.00						•		
HP X135 10G XFP LC ER Transceiver	JD121A	\$11,605.00						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP Intelligent Management Center Enterprise Software Platform	HP Intelligent Management Center Extended API Software	HP Intelligent Management Center Firewall Manager Software	HP Intelligent Management Center Intelligent Analysis Reporter Software	HP Intelligent Management Center Intelligent Traffic Analyzer Software	HP Intelligent Management Center IPSec/VPN Manager Software	HP Intelligent Management Center MPLS VPN Manager Software	HP Intelligent Management Center Network Traffic Analyzer Software
Лицензии HP ProCurve Networking										
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 500 узлов	JF380A	N/A	•							
HP IMC IPSec VPN Manager additional 50-node License	JG147A	N/A						•		
HP IMC IPSec VPN Manager additional 1000-node E-LTU	JG151AAE	\$17,024.00						•		
HP IMC IPSec VPN Manager additional 25-node License	JG146A	N/A						•		
HP IMC IPSec VPN Manager additional 100-node E-LTU	JG148AAE	\$3,409.00						•		
HP IMC IPSec VPN Manager additional 200-node E-LTU	JG149AAE	\$5,646.00						•		
HP IMC IPSec VPN Manager additional 500-node E-LTU	JG150AAE	\$11,281.00						•		
Лицензия HP IMC MPLS VPN BGP	JF403A	N/A							•	
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 1000 узлов	JF381A	N/A	•							
Дополнительная лицензия HP IMC Network Traffic Analyzer на 10 узлов	JF385A	N/A								•
Лицензия HP IMC DIG Software Probe	JF409A	N/A								•
Дополнительная лицензия HP IMC Network Traffic Analyzer на 50 узлов	JF387A	N/A								•
HP IMC IPSec VPN Manager additional 200-node License	JG149A	N/A						•		
Дополнительная лицензия HP IMC Network Traffic Analyzer на 20 узлов	JF386A	N/A								•
HP IMC IPSec VPN Manager additional 25-node E-LTU	JG146AAE	\$1,063.00						•		
HP IMC IPSec VPN Manager additional 100-node License	JG148A	N/A						•		
HP IMC IPSec VPN Manager additional 50-node E-LTU	JG147AAE	\$1,704.00						•		
HP IMC IPSec VPN Manager additional 500-node License	JG150A	N/A						•		
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 5000 узлов	JF382A	N/A	•							
HP IMC IPSec VPN Manager additional 1000-node License	JG151A	N/A						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	hp	HP Intelligent Management Center QoS Software	HP Intelligent Management Center Remote Site Manager Software	HP Intelligent Management Center Service Health Manager Software	HP Intelligent Management Center Service Operation Management Software	HP Intelligent Management Center Standard Software Platform	HP Intelligent Management Center TACACS+ Authentication Manager	HP Intelligent Management Center User Access Management Software	HP Intelligent Management Center User Behavior Module Software
Лицензии HP ProCurve Networking										
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 500 узлов	JF380A	N/A						•		
Дополнительная лицензия HP IMC User Behavior Module на 10000 пользователей	JF425A	N/A								•
HP IMC TACACS+ Authentication Manager additional 100-node E-LTU	JG484AAE	\$1,061.00						•		
Дополнительная лицензия HP IMC User Behavior Module на 1000 пользователей	JF422A	N/A								•
Дополнительная лицензия HP IMC User Behavior Module на 2000 пользователей	JF423A	N/A								•
HP IMC TACACS+ Authentication Manager additional 500-node E-LTU	JG485AAE	\$4,286.00						•		
HP IMC TACACS+ Authentication Manager additional 5000-node E-LTU	JG487AAE	\$32,186.00						•		
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 1000 узлов	JF381A	N/A						•		
HP IMC User Access Management additional 200-user License	JF389A	N/A							•	
HP IMC TACACS+ Authentication Manager additional 1000-node E-LTU	JG486AAE	\$7,499.00						•		
HP IMC TACACS+ Authentication Manager additional Unlimited-node E-LTU	JG488AAE	\$37,549.00						•		
HP IMC TACACS+ Authentication Manager additional 1000-node License	JG486A	N/A						•		
HP PCM+ to IMC Standard Software Platform Upgrade with 200-node E-LTU	JG549AAE	\$3,722.00						•		
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 100 узлов	JF379A	N/A						•		
Дополнительная лицензия HP IMC User Behavior Module на 5000 пользователей	JF424A	N/A								•
HP IMC TACACS+ Authentication Manager additional 5000-node License	JG487A	N/A						•		
Дополнительная лицензия HP IMC (стандартная и корпоративная) на неограниченное количество узлов	JF383A	N/A						•		
HP IMC TACACS+ Authentication Manager additional 100-node License	JG484A	N/A						•		
Дополнительная лицензия HP IMC (стандартная и корпоративная) на 5000 узлов	JF382A	N/A						•		

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	hp	HP Intelligent Management Center Virtual Application Network Manager Software	HP Intelligent Management Center Virtualization Monitor Software	HP Intelligent Management Center Voice Services Manager Software	HP Intelligent Management Center Wireless Services Manager Software	HP Mobility Manager Software Series	HP NBX Software	HP ProCurve Manager Plus Software	HP X.25 Software
Лицензии HP ProCurve Networking										
Дополнительная лицензия HP IMC Wireless Services Manager на 50 точек доступа	JF415A	N/A				•				
Дополнительная лицензия HP IMC Wireless Services Manager на 100 точек доступа	JF416A	N/A				•				
HP PCM+ v4 Additional 1-year Maintenance for up to 250 devices	J9759A	\$1,335.00							•	
HP PCM+ v4 Additional 1-year Maintenance for Unlimited devices	J9761A	\$5,346.00							•	
HP IMC Real Time Location System/Wireless Service Mgmt additional 50-node LTU	JG271A	N/A				•				
HP PCM+ v4 Additional 1-year Maintenance for up to 50 devices	J9758A	\$885.00							•	
HP PCM+ v4 Additional 100-device License	J9756A	\$2,222.00							•	
HP PCM+ Mobility Manager to IMC Wireless Service Manager Module Upgrade with 250 Access Point E-LTU	JG551AAE	\$3,508.00				•				
HP IMC Real Time Location System/Wireless Service Mgmt additional 500-node E-LTU	JG273AAE	\$25,533.00				•				
Дополнительная лицензия HP IMC Wireless Services Manager на 1000 точек доступа	JF419A	N/A				•				
HP PCM+ v4 Additional 1-year Maintenance for up to 550 devices	J9760A	\$2,672.00							•	
HP IMC Real Time Location System/Wireless Service Mgmt additional 50-node E-LTU	JG271AAE	\$3,071.00				•				
Дополнительная лицензия HP IMC Wireless Services Manager на 200 точек доступа	JF417A	N/A				•				
Дополнительная лицензия HP IMC Wireless Services Manager на 500 точек доступа	JF418A	N/A				•				
HP IMC Wireless Service Manager Components Location Service Package E-LTU	JG142AAE	\$6,383.00				•				
Software Support Services										
HP 3 year 9x5 ProCurve Group 100 License Support	UV720E	\$31.00							•	
HP 3 year 24x7 ProCurve Group 100 License Support	UV721E	\$31.00							•	

The HP V100 Cable/DSL Router lets small offices, branch offices, and home offices benefit from reliable and cost-effective shared Internet access. Up to 253 users can securely share a single cable or DSL connection. The router offers a four-port 10/100 Ethernet LAN switch, plus an Ethernet WAN port for connecting to a broadband modem (not included). Multiple security features include



HP 100 Router Series

Standard features

- Quality of Service (QoS)**

Flexible routing: IP routing (RIP v1/v2) and static routing: allow the router to be used in multi-network environments. Dynamic Domain Name Service (DNS): enables users connecting to the Internet with dynamic IP addresses to use network applications such as Web or FTP servers that normally require static IP addresses (requires subscription with Dynamic DNS providers) .

- Connectivity**

Shared Internet access: Economical broadband sharing: enables up to 253 simultaneous users to share a single cable or DSL connection to make the most of your broadband service. Flexible broadband support: supports either cable or DSL modem connections for configuration flexibility.

- Security**

Stateful packet inspection firewall with hacker pattern detection: helps protect your network from hackers and intrusions from over the Internet

- Ease of use**

Setup wizards, pre-set defaults, and intuitive browser interface: make setup and configuration easy

- Warranty and support**

3-year warranty: with advance replacement and next-business-day delivery (available in most countries)

- General protocols: IEEE 802.3 Type 10BASE-T; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1334 PPP Authentication Protocols (PAP); RFC 1661 The Point-to-Point Protocol (PPP); RFC 1877 PPP Internet Protocol Control Protocol Extensions for Name Server Addresses; RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP)
- Management features: Web browser; SNMP Manager; IEEE 802.3 Ethernet MIB

Standard Models	Part number	wc	lp
JE454A	JE454A	NA	N/A

Пакеты HP Care Pack	Part number	lp
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M95PE	\$8.00
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M96PE	\$19.00
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M97PE	\$21.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP 6600 Router Series is a family of high-performance WAN routers, ideal for campus and data center WAN edge and aggregation deployments. These routers are built with a multi-core architecture offering distributed or centralized processing to help balance performance and cost. The HP 6600 series delivers robust routing, security, full Layer 2 switching, and modular high-



HP 6600 Router Series

Standard features

- Quality of Service (QoS)**

Traffic policing: supports Committed Access Rate (CAR) and line rate

- Management**

Management interface control: provides management access through modem port and terminal interface, as well as in-band and out-of-band Ethernet ports

- Connectivity**

High port density: provides up to 16 interface module slots, and high-density Ethernet interface cards; a single card can provide up to 48 GbE interfaces; therefore, the routers can fully satisfy the demands of high-density Ethernet (MSTP) link distribution

- Performance**

Industry-leading performance: provides up to 252 Mpps forwarding performance

- Resiliency and high availability**

Separate data and control planes: provide greater flexibility and enable continual services

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1492 TACACS+; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2139 RADIUS Accounting; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2459 Internet X.509 Public Key Infrastructure Certificate and CRL Profile; RFC 2548 Microsoft Vendor-specific RADIUS Attributes; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2818 HTTP Over TLS; RFC 2865 RADIUS (client only); RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication; RFC 3576 Dynamic Authorization Extensions to RADIUS; RFC 3579 RADIUS Support For Extensible Authentication Protocol (EAP); RFC 3580 IEEE 802.1X RADIUS; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Port Security; Secure Sockets Layer (SSL); SSHv1 Secure Shell; SSHv1.5 Secure Shell; SSHv1/SSHv2 Secure Shell; SSHv2 Secure Shell
- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1253 OSPFv2 MIB; RFC 1583 OSPFv2; RFC 1587 OSPF NSSA; RFC 1745 OSPF Interactions; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2178 OSPFv2; RFC 2328 OSPFv2; RFC 2328 OSPFv2; RFC 2328 OSPFv2 (Premium Edge License); RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3623 Graceful OSPF Restart; RFC 5340 OSPF for IPv6; RFC 5340 OSPFv3 for IPv6

Standard Models	Part number	wc	lp
HP 6604 Router Chassis	JC178B	4U	\$5,058.00
HP 6608 Router Chassis	JC177B	4U	\$7,986.00
HP 6616 Router Chassis	JC496A	4U	\$12,845.00
HP 6602 Router Chassis	JC176A	4U	\$17,521.00

Key options	Part number	lp
HP 6616 650W AC Router Power Supply	JC492A	\$963.00
HP 6616 650W DC Router Power Supply	JC493A	\$1,121.00
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks 6602 Router Software Support	HR527E	\$427.00
HP 1 year Networks 66xx Router Software Support	HR532E	\$697.00
HP 1 year Post Warranty Next business day Exchange Networks HP 6602 Router products Service	U4F56PE	\$971.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

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HP 6600 Router Series

- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2407 - Domain of interpretation; RFC 2547 BGP/MPLS VPNs ; RFC 2764 A Framework for IP Based Virtual Private Networks; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2917 A Core MPLS IP VPN Architecture; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4; RFC 4301 - Security Architecture for the Internet Protocol; RFC 4302 - IP Authentication Header (AH); RFC 4303 - IP Encapsulating Security Payload (ESP); RFC 4305 - Cryptographic Algorithm Implementation Requirements for ESP and AH
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2474 DSCP DiffServ; RFC 2474, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2597 DiffServ Assured Forwarding (AF)- partial support; RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting
- Memory and processor: : Multi-core MIPS @ 1000 MHz, 2 GB DDR2 SDRAM, packet buffer size: 128 MB DDR2 SDRAM, 4 GB DDR2 SDRAM, 256 MB flash, 1 GB flash

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HP 6600 Router Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1ah Provider Backbone Bridges; IEEE 802.1AX-2008 Link Aggregation; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q (GVRP); IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation (LAG); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ag Ethernet OAM; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 857 Telnet Echo Option ; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 896 Congestion Control in IP/TCP Internetworks; RFC 906 TFTP Bootstrap; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1093 NSFNET routing architecture ; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1171 Point-to-Point Protocol for the transmission of multi-protocol datagrams over Point-to-Point links; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1253 (OSPF v2); RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1305 NTPv3; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1334 PPP Authentication Protocols (PAP); (this is a partial list; see the data sheet pdf for a complete list)

The HP 6600 Router Series is a family of high-performance WAN routers, ideal for campus and data center WAN edge and aggregation deployments. These routers are built with a multi-core architecture offering distributed or centralized processing to help balance performance and cost. The HP 6600 series delivers robust routing, security, full Layer 2 switching, and modular high-



HP 6600 Router Series

- IPv6: RFC 1350 TFTP; RFC 1881 IPv6 Address Allocation Management; RFC 1886 DNS Extension for IPv6; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2472 IP Version 6 over PPP; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2475 IPv6 DiffServ Architecture; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2711 IPv6 Router Alert Option; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 2925 Remote Operations MIB (Ping only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3162 RADIUS and IPv6; RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3315 DHCPv6 (client only); RFC 3363 DNS support; RFC 3484 Default Address Selection for IPv6 ; RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3513 IPv6 Addressing Architecture; RFC 3542 Advanced Sockets API for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 3810 MLDv2 for IPv6; RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4252 SSHv6 Transport Layer; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4291 IP Version 6 Addressing Architecture ; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4861 IPv6 Neighbor Discovery; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 5095 Deprecation of Type 0 Routing Headers in IPv6 ; RFC 5340 OSPF for IPv6; RFC 5340 OSPFv3 for IPv6; RFC 5722 Handling of Overlapping IPv6 Fragments
- BGP: RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2796 BGP Route Reflection; RFC 2842 Capability Advertisement with BGP-4; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability

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HP 6600 Router Series

- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1215 SNMP Generic traps; RFC 1757 RMON 4 groups: Stats, History, Alarms and Events; RFC 1901 SNMPv2 Introduction; RFC 1902 SNMPv2 Structure; RFC 1903 SNMPv2 Textual Conventions; RFC 1904 SNMPv2 Conformance; RFC 1905 SNMPv2 Protocol Operations; RFC 1906 SNMPv2 Transport Mappings; RFC 1918 Private Internet Address Allocation; RFC 2272 SNMPv3 Management Protocol; RFC 2273 SNMPv3 Applications; RFC 2274 USM for SNMPv3; RFC 2275 VACM for SNMPv3; RFC 2570 SNMPv3 Overview; RFC 2571 SNMP Management Frameworks; RFC 2572 SNMPv3 Message Processing; RFC 2573 SNMPv3 Applications; RFC 2574 SNMPv3 User-based Security Model (USM); RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 2575 VACM for SNMP; RFC 2576 Coexistence between SNMP versions; RFC 2578 SMIv2; RFC 2581 TCP6; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 3164 BSD syslog Protocol; RFC 3176 sFlow; RFC 3411 SNMP Management Frameworks; RFC 3412 SNMPv3 Message Processing; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model (VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2; SNMPv1/v2c; SNMPv1/v2c (read only); SNMPv1/v2c/v3
- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode; RFC 2362 PIM Sparse Mode (Premium Edge License); RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3; RFC 3376 IGMPv3 (host joins only); RFC 3569 An Overview of Source-Specific Multicast (SSM); RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 Draft 2 PIM Dense Mode; RFC 3973 Draft 2 PIM Dense Mode; RFC 3973 PIM Dense Mode; RFC 3973 PIM Dense Mode; RFC 3973 PIM Dense Mode (Premium Edge License); RFC 4601 Draft 10 PIM Sparse Mode; RFC 4601 Draft 10 PIM Sparse Mode; RFC 4605 IGMP/MLD Proxying

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

High-end enterprise WAN routers that operate at the WAN edge and core layers of campus and data center locations, delivering carrier-class reliability as well as comprehensive WAN routing, switching, and security services.

HP 8800 Router Series

Standard features

- Quality of Service (QoS)**

Hierarchical QoS (HQoS): provides a built-in QoS engine that supports hierarchical QoS (HQoS) and can implement a hierarchical scheduling mechanism based on ports, user groups, users, and user services; also cooperates with MPLS traffic engineering (TE) to implement bandwidth reservation and scheduling based on tunnels and services

- Management**

Management interface control: provides management access through modem port and terminal interface, as well as in-band and out-of-band Ethernet ports; provides access through terminal interface, telnet, or SSH

- Connectivity**

High port density: provides up to 12 interface module slots, up to 192 OC3/OC12 POS ports, or 576 Gigabit Ethernet ports per 8812 system

- Performance**

Industry-leading performance: provides switching capacity up to 1440 Gbps and forwarding performance up to 864 Mpps

- Resiliency and high availability**

Separate data and control plane: provides continual services

- Routing table size: 3000000 entries

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1492 TACACS+; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2139 RADIUS Accounting; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2459 Internet X.509 Public Key Infrastructure Certificate and CRL Profile; RFC 2548 Microsoft Vendor-specific RADIUS Attributes; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2818 HTTP Over TLS; RFC 2865 RADIUS (client only); RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication; RFC 3576 Dynamic Authorization Extensions to RADIUS; RFC 3579 RADIUS Support For Extensible Authentication Protocol (EAP); RFC 3580 IEEE 802.1X RADIUS; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Port Security; Secure Sockets Layer (SSL); SSHv1 Secure Shell; SSHv1.5 Secure Shell; SSHv1/SSHv2 Secure Shell; SSHv2 Secure Shell

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1253 OSPFv2 MIB; RFC 1583 OSPFv2; RFC 1587 OSPF NSSA; RFC 1745 OSPF Interactions; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2178 OSPFv2; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3623 Graceful OSPF Restart; RFC 5340 OSPF for IPv6; RFC 5340 OSPFv3 for IPv6

Standard Models	Part number	wc	lp
Полка для маршрутизаторов HP A8805	JC148B	4U	\$9,739.00
Полка для маршрутизаторов HP A8808	JC149B	4U	\$14,604.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks 88xx Router Software Support	HR542E	\$4,184.00
HP 1 year Post Warranty Next business day Exchange Networks HP 8802 Router products Service	U4F57PE	\$5,655.00
HP 1 year Post Warranty Next business day Exchange Networks HP 88xx Router products Service	U4F38PE	\$9,697.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

High-end enterprise WAN routers that operate at the WAN edge and core layers of campus and data center locations, delivering carrier-class reliability as well as comprehensive WAN routing, switching, and security services.

HP 8800 Router Series

- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2407 - Domain of interpretation; RFC 2547 BGP/MPLS VPNs ; RFC 2764 A Framework for IP Based Virtual Private Networks; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2917 A Core MPLS IP VPN Architecture; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4; RFC 3948 - UDP Encapsulation of IPsec ESP Packets; RFC 4301 - Security Architecture for the Internet Protocol; RFC 4302 - IP Authentication Header (AH); RFC 4303 - IP Encapsulating Security Payload (ESP); RFC 4305 - Cryptographic Algorithm Implementation Requirements for ESP and AH
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2474 DSCP DiffServ; RFC 2474, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2597 DiffServ Assured Forwarding (AF)- partial support; RFC 2598 DiffServ Expedited Forwarding (EF); Ingress Rate Limiting

High-end enterprise WAN routers that operate at the WAN edge and core layers of campus and data center locations, delivering carrier-class reliability as well as comprehensive WAN routing, switching, and security services.

HP 8800 Router Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1ah Provider Backbone Bridges; IEEE 802.1AX-2008 Link Aggregation; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q (GVRP); IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation (LAG); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ag Ethernet OAM; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 857 Telnet Echo Option ; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 896 Congestion Control in IP/TCP Internetworks; RFC 906 TFTP Bootstrap; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1093 NSFNET routing architecture ; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1171 Point-to-Point Protocol for the transmission of multi-protocol datagrams over Point-to-Point links; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1253 (OSPF v2); RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1305 NTPv3; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1349 Type of Service; RFC 1350 TFTP Prot (this is a partial list; see the data sheet pdf for a complete list)

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- BGP: RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2796 BGP Route Reflection; RFC 2842 Capability Advertisement with BGP-4; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability

High-end enterprise WAN routers that operate at the WAN edge and core layers of campus and data center locations, delivering carrier-class reliability as well as comprehensive WAN routing, switching, and security services.

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- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode; RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3; RFC 3376 IGMPv3 (host joins only); RFC 3569 An Overview of Source-Specific Multicast (SSM); RFC 3618 Multicast Source Discovery Protocol (MSDP); RFC 3973 Draft 2 PIM Dense Mode; RFC 3973 Draft 2 PIM Dense Mode; RFC 3973 PIM Dense Mode; RFC 4601 Draft 10 PIM Sparse Mode; RFC 4605 IGMP/MLD Proxying

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP HSR6600 Series are high-performance services WAN routers, ideal for small-to-medium campus WAN edge and aggregation, and high-end branch, deployments. These routers are built with a compact multi-core centralized processing architecture that delivers, in a 2 RU form factor, robust routing, security, full layer 2 switching, and modular WAN and LAN interface options, all integrated in a single fast, powerful routing platform. In addition, these routers

HP HSR6600 Router Series

Standard features

- Connectivity**

Multiple WAN interfaces: support Fast Ethernet/Gigabit Ethernet/10 GbE ports, OC3~OC48 POS/CPOS, and ATM ports

- Performance**

High-performance platform: provides up to 15 Mpps forwarding performance

- Layer 3 routing**

Static IPv4 routing: provides simple, manually configured IPv4 routing

- Layer 3 services**

Address Resolution Protocol (ARP): determines the MAC address of another IP host in the same subnet; supports static ARPs; gratuitous ARP allows detection of duplicate IP addresses; proxy ARP allows normal ARP operation between subnets or when subnets are separated by a Layer 2 network

- Quality of Service (QoS)**

Traffic policing: supports Committed Access Rate (CAR) and line rate

- Routing table size: 1000000 entries

- Switch fabric speed: 80 Gbps

- Security features: "IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1492 TACACS+; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2139 RADIUS Accounting; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2459 Internet X.509 Public Key Infrastructure Certificate and CRL Profile; RFC 2548 Microsoft Vendor-specific RADIUS Attributes; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2818 HTTP Over TLS; RFC 2865 RADIUS (client only); RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication; RFC 3576 Dynamic Authorization Extensions to RADIUS; RFC 3579 RADIUS Support For Extensible Authentication Protocol (EAP); RFC 3580 IEEE 802.1X Remote Authentication Dial In User Service (RADIUS) Usage Guidelines ; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Port Security; Secure Sockets Layer (SSL); SSHv1 Secure Shell; SSHv1.5 Secure Shell; SSHv1/SSHv2 Secure Shell; SSHv2 Secure Shell"

Standard Models	Part number	wc	lp
HP HSR6602-G Router	JG353A	4U	\$19,162.00
HP HSR6602-XG Router	JG354A	4U	\$27,676.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Next business day Exchange Plus 6602 G Router Support	U8D79E	\$1,218.00
HP 1 year 4 hour 13x5 6602 G Router Hardware Support	U8D81E	\$1,696.00
HP 1 year 4 hour 24x7 6602 G Router Hardware Support	U8D82E	\$1,914.00

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HP HSR6600 Router Series

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1253 OSPFv2 MIB; RFC 1583 OSPFv2; RFC 1587 OSPF NSSA; RFC 1745 OSPF Interactions; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2154 OSPF w/ Digital Signatures (Password, MD-5); RFC 2178 OSPFv2; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3623 Graceful OSPF Restart; RFC 5340 OSPF for IPv6; RFC 5340 OSPFv3 for IPv6
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2407 - Domain of interpretation; RFC 2547 BGP/MPLS VPNs ; RFC 2764 A Framework for IP Based Virtual Private Networks; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2917 A Core MPLS IP VPN Architecture; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4; RFC 4302 - IP Authentication Header (AH); RFC 4303 - IP Encapsulating Security Payload (ESP); RFC 4305 - Cryptographic Algorithm Implementation Requirements for ESP and AH
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2474 DSCP DiffServ; RFC 2474, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2597 DiffServ Assured Forwarding (AF)- partial support; RFC 2598 DiffServ Expedited Forwarding (EF)

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HP HSR6600 Router Series

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Warranty

- **4U**
 - Warranty period - 1 Year
 - Service location - HP/Dealer
 - Service level - Exchange
 - Installation included - No
 - Applicable note(s) - 7

The HP HSR6800 Router Series is a portfolio of high-performance WAN services routers, ideal for large-scale data center and campus WAN networks. These routers are built with a multi-core distributed processing architecture that scales up to 420 Mpps forwarding and up to 2 Tbps switch capacity. They deliver robust routing (MPLS, IPv4, IPv6, dynamic routing, nested QoS), security (stateful firewall, IPsec/Dynamic VPN, DoS protection, NAT), full layer 2

HP HSR6800 Router Series

Standard features

- Connectivity**

Multiple WAN interfaces: support Fast Ethernet/Gigabit Ethernet/10GbE ports, OC3-OC48 POS/CPOS, and ATM ports

- Performance**

High-performance platform: provides up to 420 Mpps in forwarding and up to 2 Tbps switching capacity

- Resiliency and high availability**

Separate data and control planes: provide greater flexibility and enable continual services

- Product architecture**

Distributed processing: two kinds of engines are hardware-separated: main controller engine (routing engine) and service engines (Flexible Interface Platform [FIP] and Service Aggregation Platform [SAP]); the main controller engine is used for route computing and system management, and service engines are used for processing services

- Layer 3 routing**

Static IPv4 routing: provides simple, manually configured IPv4 routing

- Routing table size: 4000000 entries (IPv4), 2000000 entries (IPv6)
- Security features: "IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1492 TACACS+; RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2082 RIP-2 MD5 Authentication; RFC 2138 RADIUS Authentication; RFC 2139 RADIUS Accounting; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2408 Internet Security Association and Key Management Protocol (ISAKMP) ; RFC 2409 The Internet Key Exchange (IKE); RFC 2459 Internet X.509 Public Key Infrastructure Certificate and CRL Profile; RFC 2548 Microsoft Vendor-specific RADIUS Attributes; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2818 HTTP Over TLS; RFC 2865 RADIUS (client only); RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication; RFC 3576 Dynamic Authorization Extensions to RADIUS; RFC 3579 RADIUS Support For Extensible Authentication Protocol (EAP); RFC 3580 IEEE 802.1X Remote Authentication Dial In User Service (RADIUS) Usage Guidelines ; Access Control Lists (ACLs); Guest VLAN for 802.1x; MAC Authentication; Port Security; Secure Sockets Layer (SSL); SSHv1 Secure Shell; SSHv1.5 Secure Shell; SSHv1/SSHv2 Secure Shell; SSHv2 Secure Shell"

Standard Models	Part number	wc	lp
HP HSR6802 Router Chassis	JG361A	4U	\$7,224.00
HP HSR6804 Router Chassis	JG362A	4U	\$11,351.00
HP HSR6808 Router Chassis	JG363A	4U	\$18,577.00
HP HSR68xx Configure-to-Order Router Solution	JG678A	NA	N/A

Key options	Part number	lp
HP 6616 650W AC Router Power Supply	JC492A	\$963.00
HP 6616 650W DC Router Power Supply	JC493A	\$1,121.00
HP HSR6800 1200W AC Power Supply	JG335A	\$1,548.00
HP HSR6800 1200W DC Power Supply	JG334A	\$2,056.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
New! HP 1 year 2hr 24x7 6802 Router Software Support	U8F26E	\$896.00
New! HP 1 year 2 hour 24x7 6804 Router Software Support	U8F59E	\$968.00
New! HP 1 year 2hr 24x7 6808 Router Software Support	U8F92E	\$1,039.00

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HP HSR6800 Router Series

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1253 OSPFv2 MIB; RFC 1583 OSPFv2; RFC 1587 OSPF NSSA; RFC 1745 OSPF Interactions; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2154 OSPF w/ Digital Signatures (Password, MD-5); RFC 2178 OSPFv2; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA; RFC 3623 Graceful OSPF Restart; RFC 5340 OSPFv3 for IPv6
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2407 - Domain of interpretation; RFC 2547 BGP/MPLS VPNs ; RFC 2764 A Framework for IP Based Virtual Private Networks; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2917 A Core MPLS IP VPN Architecture; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4; RFC 4302 - IP Authentication Header (AH); RFC 4303 - IP Encapsulating Security Payload (ESP); RFC 4305 - Cryptographic Algorithm Implementation Requirements for ESP and AH
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DiffServ Precedence, including 8 queues/port; RFC 2474 DiffServ precedence, with 4 queues per port; RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2474 DSCP DiffServ; RFC 2474, with 4 queues per port; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2597 DiffServ Assured Forwarding (AF)- partial support; RFC 2598 DiffServ Expedited Forwarding (EF)

The HP HSR6800 Router Series is a portfolio of high-performance WAN services routers, ideal for large-scale data center and campus WAN networks. These routers are built with a multi-core distributed processing architecture that scales up to 420 Mpps forwarding and up to 2 Tbps switch capacity. They deliver robust routing (MPLS, IPv4, IPv6, dynamic routing, nested QoS), security (stateful firewall, IPsec/Dynamic VPN, DoS protection, NAT), full layer 2

HP HSR6800 Router Series

- General protocols: IEEE 802.1ad Q-in-Q; IEEE 802.1ag Service Layer OAM; IEEE 802.1ah Provider Backbone Bridges; IEEE 802.1AX-2008 Link Aggregation; IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q (GVRP); IEEE 802.1Q VLANs; IEEE 802.1s (MSTP); IEEE 802.1s Multiple Spanning Trees; IEEE 802.1v VLAN classification by Protocol and Port; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; IEEE 802.1X PAE; IEEE 802.3 Type 10BASE-T; IEEE 802.3ab 1000BASE-T; IEEE 802.3ac (VLAN Tagging Extension); IEEE 802.3ad Link Aggregation (LAG); IEEE 802.3ad Link Aggregation Control Protocol (LACP); IEEE 802.3ae 10-Gigabit Ethernet; IEEE 802.3ag Ethernet OAM; IEEE 802.3ah Ethernet in First Mile over Point to Point Fiber - EFMF; IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-X; IEEE 802.3x Flow Control; IEEE 802.3z 1000BASE-X; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 0857 Telnet Echo Option; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 896 Congestion Control in IP/TCP Internetworks; RFC 906 TFTP Bootstrap; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 951 BOOTP; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1093 NSFNET routing architecture ; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1171 Point-to-Point Protocol for the transmission of multi-protocol datagrams over Point-to-Point links; RFC 1191 Path MTU discovery; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1213 Management Information Base for Network Management of TCP/IP-based internets; RFC 1253 (OSPF v2); RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1305 NTPv3; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1321 The MD5 Message-Digest Algorithm; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1349 Type of Service; RFC 1350 TFTP Protocol (revision 2); RFC 1377 The PPP OS (this is a partial list; see the data sheet pdf for a complete list)

The HP HSR6800 Router Series is a portfolio of high-performance WAN services routers, ideal for large-scale data center and campus WAN networks. These routers are built with a multi-core distributed processing architecture that scales up to 420 Mpps forwarding and up to 2 Tbps switch capacity. They deliver robust routing (MPLS, IPv4, IPv6, dynamic routing, nested QoS), security (stateful firewall, IPsec/Dynamic VPN, DoS protection, NAT), full layer 2

HP HSR6800 Router Series

- IPv6: RFC 1350 TFTP; RFC 1881 IPv6 Address Allocation Management; RFC 1886 DNS Extension for IPv6; RFC 1887 IPv6 Unicast Address Allocation Architecture; RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2375 IPv6 Multicast Address Assignments; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2472 IP Version 6 over PPP; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2475 IPv6 DiffServ Architecture; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2710 Multicast Listener Discovery (MLD) for IPv6; RFC 2711 IPv6 Router Alert Option; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only); RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3162 RADIUS and IPv6; RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses; RFC 3307 IPv6 Multicast Address Allocation; RFC 3315 DHCPv6 (client and relay); RFC 3363 DNS support; RFC 3484 Default Address Selection for IPv6 ; RFC 3493 Basic Socket Interface Extensions for IPv6; RFC 3513 IPv6 Addressing Architecture; RFC 3542 Advanced Sockets API for IPv6; RFC 3587 IPv6 Global Unicast Address Format; RFC 3596 DNS Extension for IPv6; RFC 3810 MLDv2 (host joins only); RFC 3810 MLDv2 for IPv6; RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6; RFC 4022 MIB for TCP; RFC 4113 MIB for UDP; RFC 4251 SSHv6 Architecture; RFC 4252 SSHv6 Authentication; RFC 4252 SSHv6 Transport Layer; RFC 4253 SSHv6 Transport Layer; RFC 4254 SSHv6 Connection; RFC 4291 IP Version 6 Addressing Architecture ; RFC 4293 MIB for IP; RFC 4419 Key Exchange for SSH; RFC 4443 ICMPv6; RFC 4541 IGMP & MLD Snooping Switch; RFC 4862 IPv6 Stateless Address Auto-configuration; RFC 5095 Deprecation of Type 0 Routing Headers in IPv6 ; RFC 5340 OSPF for IPv6; RFC 5340 OSPFv3 for IPv6; RFC 5722 Handling of Overlapping IPv6 Fragments
- BGP: RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping; RFC 2796 BGP Route Reflection; RFC 2842 Capability Advertisement with BGP-4; RFC 2858 BGP-4 Multi-Protocol Extensions; RFC 2918 Route Refresh Capability

The HP HSR6800 Router Series is a portfolio of high-performance WAN services routers, ideal for large-scale data center and campus WAN networks. These routers are built with a multi-core distributed processing architecture that scales up to 420 Mpps forwarding and up to 2 Tbps switch capacity. They deliver robust routing (MPLS, IPv4, IPv6, dynamic routing, nested QoS), security (stateful firewall, IPsec/Dynamic VPN, DoS protection, NAT), full layer 2

HP HSR6800 Router Series

- Network management: IEEE 802.1AB Link Layer Discovery Protocol (LLDP); IEEE 802.1D (STP); RFC 1098 A Simple Network Management Protocol (SNMP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1215 SNMP Generic traps; RFC 1757 RMON 4 groups: Stats, History, Alarms and Events; RFC 1901 SNMPv2 Introduction; RFC 1902 SNMPv2 Structure; RFC 1903 SNMPv2 Textual Conventions; RFC 1904 SNMPv2 Conformance; RFC 1905 SNMPv2 Protocol Operations; RFC 1906 SNMPv2 Transport Mappings; RFC 1918 Private Internet Address Allocation; RFC 2272 SNMPv3 Management Protocol; RFC 2273 SNMPv3 Applications; RFC 2274 USM for SNMPv3; RFC 2275 VACM for SNMPv3; RFC 2570 SNMPv3 Overview; RFC 2571 SNMP Management Frameworks; RFC 2572 SNMPv3 Message Processing; RFC 2573 SNMPv3 Applications; RFC 2574 SNMPv3 User-based Security Model (USM); RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 2576 Coexistence between SNMP versions; RFC 2578 SMIv2; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events); RFC 2819 Remote Network Monitoring Management Information Base; RFC 3164 BSD syslog Protocol; RFC 3176 sFlow; RFC 3411 SNMP Management Frameworks; RFC 3412 SNMPv3 Message Processing; RFC 3414 SNMPv3 User-based Security Model (USM); RFC 3415 SNMPv3 View-based Access Control Model (VACM); ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED); SNMPv1/v2; SNMPv1/v2c; SNMPv1/v2c/v3
- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode; RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3; RFC 3973 PIM Dense Mode; RFC 4601 PIM Sparse Mode

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP MSR20 router series is a component of the HP FlexBranch solution, which is part of the HP FlexNetwork architecture. It features a modular design that delivers unmatched flexibility for small branch offices and small to medium-sized businesses while reducing complexity, simplifying management, and increasing control. MSR20 series routers provide a full-featured, resilient routing



HP MSR20 Series

Standard features

- Quality of Service (QoS)**

Traffic policing: supports Committed Access Rate (CAR) and line rate

- Management**

Industry-standard CLI with a hierarchical structure: reduces training time and expenses, and increases productivity in multivendor installations

- Connectivity**

High-density port connectivity: provides up to 4 interface module slots and up to 18 Fast Ethernet ports

- Performance**

Powerful encryption capacity: includes embedded hardware encryption accelerator to improve encryption performance

- Resiliency and high availability**

Backup Center: acts as a part of the management and backup function to provide backup for device interfaces; delivers reliability by switching traffic over to a backup interface when the primary one fails

- Routing table size: 10000 entries (IPv4), 10000 entries (IPv6)

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1587 OSPF NSSA; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA

- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2547 BGP/MPLS VPNs ; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4

- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); RFC 3168 The Addition of Explicit Congestion Notification (ECN) to IP

- Memory and processor: Processor : RISC @ 400 MHz, 256 MB compact flash, 256 MB SDRAM

Standard Models	Part number	wc	lp
HP MSR20-20 Router	JF283A	4U	\$1,021.00
HP MSR20-21 Router	JD663B	4H	\$1,312.00
HP MSR20-40 Router	JF228A	4U	\$1,947.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks MSR20 Router Software Support	HR557E	\$57.00
HP 1 year Post Warranty Next business day Exchange Networks HP MSR20 Router products Service	U4F39PE	\$140.00
HP 3 year 24x7 ProCurve MSR Router Software Support	UW012E	\$166.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

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HP MSR20 Series

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1349 Type of Service; RFC 1350 TFTP Protocol (revision 2); RFC 1377 The PPP OSI Network Layer Control Protocol (OSINLCP); RFC 1381 SNMP MIB Extension for X.25 LAPB; RFC 1471 The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol; RFC 1472 The Definitions of Managed Objects for the Security Protocols of the Point-to-Point Protocol; RFC 1490 Multiprotocol Interconnect over Frame Relay; RFC 1519 CIDR; RFC 1534 DHCP/BOOTP Interoperation; RFC 1542 Clarifications and Extensions for the Bootstrap Protocol; RFC 1552 The PPP Internetworking Packet Exchange Control Protocol (IPXCP); RFC 1577 Classical IP and ARP over ATM; RFC 1613 Cisco Systems X.25 over TCP (XOT); RFC 1624 Incremental Internet Checksum; RFC 1631 NAT; RFC 1638 PPP Bridging Control Protocol (BCP); RFC 1661 The Point-to-Point Protocol (PPP); RFC 1662 PPP in HDLC-like Framing; RFC 1695 Definitions of Managed Objects for ATM Management Version 8.0 using SMIv2; RFC 1701 Generic Routing Encapsulation; RFC 1702 Generic Routing Encapsulation over IPv4 networks; RFC 1721 RIP-2 Analysis; RFC 1722 RIP-2 Applicability; RFC 1723 RIP v2; RFC (this is a partial list; see the data sheet pdf for a complete list)

The HP MSR20 router series is a component of the HP FlexBranch solution, which is part of the HP FlexNetwork architecture. It features a modular design that delivers unmatched flexibility for small branch offices and small to medium-sized businesses while reducing complexity, simplifying management, and increasing control. MSR20 series routers provide a full-featured, resilient routing



HP MSR20 Series

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2472 IP Version 6 over PPP; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6
- BGP: RFC 1163 Border Gateway Protocol (BGP); RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping
- Network management: IEEE 802.1D (STP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1905 SNMPv2 Protocol Operations; RFC 2272 SNMPv3 Management Protocol; RFC 2273 SNMPv3 Applications; RFC 2274 USM for SNMPv3; RFC 2275 VACM for SNMPv3; RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 3164 BSD syslog Protocol

Warranty

- **4H**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Response time - Next Day
Installation included - No
Applicable note(s) - 7
- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP MSR20-1x Series is a component of the HP FlexBranch solution, which is part of the HP FlexNetwork architecture. MSR20-1X routers are full-featured, economical routers designed for converged wired and wireless WAN and LAN environments at small remote branch offices and small to medium-sized businesses. HP MSR20-1x series routers deliver high-performance integrated



HP MSR20-1x Series

Standard features

- Quality of Service (QoS)**

Traffic policing: supports Committed Access Rate (CAR) and line rate

- Management**

Industry-standard CLI with a hierarchical structure: reduces training time and expenses, and increases productivity in multivendor installations

- Connectivity**

Packet storm protection: protects against broadcast, multicast, or unicast storms with user-defined thresholds

- Performance**

Powerful encryption capacity: includes embedded hardware encryption accelerator to improve encryption performance

- Resiliency and high availability**

Backup Center: acts as a part of the management and backup function to provide backup for device interfaces; delivers reliability by switching traffic over to a backup interface when the primary one fails

- Routing table size: 10000 entries (IPv4), 10000 entries (IPv6)
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication
- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1587 OSPF NSSA; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2547 BGP/MPLS VPNs ; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); RFC 3168 The Addition of Explicit Congestion Notification (ECN) to IP
- Memory and processor: Processor : RISC @ 333 MHz, 256 MB DDR SDRAM, 32 MB flash

Standard Models	Part number	wc	lp
HP MSR20-10 Router	JD431A	4U	\$872.00
HP MSR20-11 Router	JF239A	4U	\$1,074.00
HP MSR20-15-I Router	JF236A	4U	\$1,415.00
HP MSR20-15-A Router	JF237A	4U	\$1,425.00
HP MSR20-12 Router	JF241A	4U	\$1,511.00
HP MSR20-12-T Router	JF806A	4U	\$1,521.00
HP MSR20-13 Router	JF240A	4U	\$1,606.00
HP MSR20-15-A-W Router	JF809A	4U	\$1,702.00
HP MSR20-15-I-W Router	JF238A	4U	\$1,723.00
HP MSR20-12-W Router	JF807A	4U	\$1,798.00
HP MSR20-13-W Router	JF808A	4U	\$1,894.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-	JD098B	\$1,212.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks MSR20 Router Software Support	HR557E	\$57.00
HP 1 year Post Warranty Next business day Exchange Networks HP MSR20 Router products Service	U4F39PE	\$140.00
HP 3 year 24x7 ProCurve MSR Router Software Support	UW012E	\$166.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

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HP MSR20-1x Series

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1349 Type of Service; RFC 1350 TFTP Protocol (revision 2); RFC 1377 The PPP OSI Network Layer Control Protocol (OSINLCP); RFC 1381 SNMP MIB Extension for X.25 LAPB; RFC 1471 The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol; RFC 1472 The Definitions of Managed Objects for the Security Protocols of the Point-to-Point Protocol; RFC 1490 Multiprotocol Interconnect over Frame Relay; RFC 1519 CIDR; RFC 1534 DHCP/BOOTP Interoperation; RFC 1542 Clarifications and Extensions for the Bootstrap Protocol; RFC 1552 The PPP Internetworking Packet Exchange Control Protocol (IPXCP); RFC 1577 Classical IP and ARP over ATM; RFC 1613 Cisco Systems X.25 over TCP (XOT); RFC 1624 Incremental Internet Checksum; RFC 1631 NAT; RFC 1638 PPP Bridging Control Protocol (BCP); RFC 1661 The Point-to-Point Protocol (PPP); RFC 1662 PPP in HDLC-like Framing; RFC 1695 Definitions of Managed Objects for ATM Management Version 8.0 using SMIv2; RFC 1701 Generic Routing Encapsulation; RFC 1702 Generic Routing Encapsulation over IPv4 networks; RFC 1721 RIP-2 Analysis; RFC 1722 RIP-2 Applicability; RFC 1723 RIP v2; RFC (this is a partial list; see the data sheet pdf for a complete list)

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HP MSR20-1x Series

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2472 IP Version 6 over PPP; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2475 IPv6 DiffServ Architecture; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6
- BGP: RFC 1163 Border Gateway Protocol (BGP); RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping
- Network management: IEEE 802.1D (STP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1905 SNMPv2 Protocol Operations; RFC 2272 SNMPv3 Management Protocol; RFC 2273 SNMPv3 Applications; RFC 2274 USM for SNMPv3; RFC 2275 VACM for SNMPv3; RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 3164 BSD syslog Protocol

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

HP MSR30 Series routers are a component of the HP FlexBranch solution, which is part of the HP FlexNetwork architecture. MSR30 Series routers are ideal for the branch and regional offices of medium to large enterprises. They provide high-performance integrated routing, switching, security, wireless, voice and virtualized applications. With a rich set of modular WAN, LAN and voice interface connectivity options in a single device, these routers help reduce

HP MSR30 Series

Standard features

- Quality of Service (QoS)**
 Traffic policing: supports Committed Access Rate (CAR) and line rate
- Management**
 Management interface control: provides management access through modem port and terminal interface; provides access through terminal interface, telnet, or SSH
- Connectivity**
 High-density port connectivity: provides up to 10 interface module slots and up to 90 Fast Ethernet ports
- Performance**
 Excellent forwarding performance: provides forwarding performance from 220 Kpps to 360 Kpps; meets current and future bandwidth-intensive application demands of enterprise businesses
- Resiliency and high availability**
 Backup Center: acts as a part of the management and backup function to provide backup for device interfaces; delivers reliability by switching traffic over to a backup interface when the primary one fails
- Routing table size: 30000 entries
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication
- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1587 OSPF NSSA; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2547 BGP/MPLS VPNs ; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); RFC 3168 The Addition of Explicit Congestion Notification (ECN) to IP

Standard Models	Part number	wc	lp
HP A-MSR30-10 Router	JF816A	4U	\$1,548.00
HP MSR30-11E Router	JG182A	4U	\$1,846.00
HP MSR30-10 DC Router	JG184A	4U	\$1,860.00
HP MSR30-11F Router	JG183A	4U	\$2,287.00
HP MSR30-16 Router	JF233A	4U	\$2,777.00
HP MSR30-20 Router	JF284A	4U	\$3,118.00
HP MSR30-20 PoE Router	JF802A	4U	\$3,746.00
HP MSR30-40 Router	JF229A	4U	\$3,799.00
HP MSR30-20 DC Router	JF235A	4U	\$4,182.00
HP MSR30-60 Router	JF230A	4U	\$5,162.00
HP MSR30-40 DC Router	JF287A	4U	\$5,204.00
HP MSR30-40 PoE Router	JF803A	4U	\$5,300.00
HP MSR30-60 DC Router	JF801A	4U	\$6,567.00
HP MSR30-60 PoE Router	JF804A	4U	\$6,663.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-	JD098B	\$1,212.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks MSR30 Router Software Support	HR552E	\$142.00
HP 1 year Post Warranty Next business day Exchange Networks HP MSR30 Router products Service	U4F48PE	\$346.00
HP 3 year 24x7 ProCurve MSR30 Router Software Support	UX160E	\$414.00

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HP MSR30 Series

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1349 Type of Service; RFC 1350 TFTP Protocol (revision 2); RFC 1377 The PPP OSI Network Layer Control Protocol (OSINLCP); RFC 1381 SNMP MIB Extension for X.25 LAPB; RFC 1471 The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol; RFC 1472 The Definitions of Managed Objects for the Security Protocols of the Point-to-Point Protocol; RFC 1490 Multiprotocol Interconnect over Frame Relay; RFC 1519 CIDR; RFC 1534 DHCP/BOOTP Interoperation; RFC 1542 Clarifications and Extensions for the Bootstrap Protocol; RFC 1552 The PPP Internetworking Packet Exchange Control Protocol (IPXCP); RFC 1577 Classical IP and ARP over ATM; RFC 1613 Cisco Systems X.25 over TCP (XOT); RFC 1624 Incremental Internet Checksum; RFC 1631 NAT; RFC 1638 PPP Bridging Control Protocol (BCP); RFC 1661 The Point-to-Point Protocol (PPP); RFC 1662 PPP in HDLC-like Framing; RFC 1695 Definitions of Managed Objects for ATM Management Version 8.0 using SMIv2; RFC 1701 Generic Routing Encapsulation; RFC 1702 Generic Routing Encapsulation over IPv4 networks; RFC 1721 RIP-2 Analysis; RFC 1722 RIP-2 Applicability; RFC 1723 RIP v2; RFC (this is a partial list; see the data sheet pdf for a complete list)

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HP MSR30 Series

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2472 IP Version 6 over PPP; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6
- BGP: RFC 1163 Border Gateway Protocol (BGP); RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1965 BGP4 confederations; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping
- Network management: IEEE 802.1D (STP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1905 SNMPv2 Protocol Operations; RFC 2272 SNMPv3 Management Protocol; RFC 2273 SNMPv3 Applications; RFC 2274 USM for SNMPv3; RFC 2275 VACM for SNMPv3; RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 3164 BSD syslog Protocol
- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode; RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

HP MSR50 Series routers are a component of the HP FlexBranch solution, which is part of the HP FlexNetwork architecture. These routers are designed for large branch offices, regional offices, and enterprise deployments that require high-performance converged routing, switching, wireless, security, voice, and virtualized applications. The MSR50 Series has a rich set of modular WAN,



HP MSR50 Series

Standard features

- Quality of Service (QoS)**

Traffic policing: supports Committed Access Rate (CAR) and line rate

- Management**

Management interface control: provides management access through modem port and terminal interface; provides access through terminal interface, telnet, or SSH

- Connectivity**

High-density port connectivity: provides up to 10 interface module slots and up to 90 Fast Ethernet ports

- Performance**

Excellent forwarding performance: provides forwarding performance up to 800 Kpps/1280 Kpps (for two kinds of engines); meets current and future bandwidth-intensive application demands of enterprise businesses

- Resiliency and high availability**

Hot-swappable modules: facilitate the replacement of hardware interface modules without impacting the traffic flow through the system

- Routing table size: 100000 entries (IPv4), 100000 entries (IPv6)

- Routing/switching capacity: 3 Gbps

- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication

- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1587 OSPF NSSA; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA

- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2547 BGP/MPLS VPNs ; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4

- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); RFC 3168 The Addition of Explicit Congestion Notification (ECN) to IP

- Memory and processor: Processor 1 : RISC @ 1700 MHz, 1 GB DDR SDRAM, 256 MB compact flash; Processor 2 : RISC @ 833 MHz, 512 MB DDR SDRAM, 256 MB compact flash

Standard Models	Part number	wc	lp
HP MSR50-40 DC Router	JF285A	4U	\$2,735.00
HP MSR50-40 Router	JD433A	4U	\$2,916.00
HP MSR50-60 Router	JF231A	4U	\$6,322.00
HP MSR50-60 Router Chassis with DC Power Supply	JF640A	4U	\$7,254.00

Key options	Part number	lp
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks MSR50 Router Software Support	HR547E	\$299.00
HP 1 year Post Warranty Next business day Exchange Networks HP MSR50 Router products Service	U4F49PE	\$691.00
HP 3 year 24x7 ProCurve MSR50 Router Software Support	UX176E	\$870.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

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HP MSR50 Series

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1349 Type of Service; RFC 1350 TFTP Protocol (revision 2); RFC 1377 The PPP OSI Network Layer Control Protocol (OSINLCP); RFC 1381 SNMP MIB Extension for X.25 LAPB; RFC 1471 The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol; RFC 1472 The Definitions of Managed Objects for the Security Protocols of the Point-to-Point Protocol; RFC 1490 Multiprotocol Interconnect over Frame Relay; RFC 1519 CIDR; RFC 1534 DHCP/BOOTP Interoperation; RFC 1542 Clarifications and Extensions for the Bootstrap Protocol; RFC 1552 The PPP Internetworking Packet Exchange Control Protocol (IPXCP); RFC 1577 Classical IP and ARP over ATM; RFC 1613 Cisco Systems X.25 over TCP (XOT); RFC 1624 Incremental Internet Checksum; RFC 1631 NAT; RFC 1638 PPP Bridging Control Protocol (BCP); RFC 1661 The Point-to-Point Protocol (PPP); RFC 1662 PPP in HDLC-like Framing; RFC 1695 Definitions of Managed Objects for ATM Management Version 8.0 using SMIv2; RFC 1701 Generic Routing Encapsulation; RFC 1702 Generic Routing Encapsulation over IPv4 networks; RFC 1721 RIP-2 Analysis; RFC 1722 RIP-2 Applicability; RFC 1723 RIP v2; RFC (this is a partial list; see the data sheet pdf for a complete list)

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HP MSR50 Series

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2080 RIPng for IPv6; RFC 2292 Advanced Sockets API for IPv6; RFC 2373 IPv6 Addressing Architecture; RFC 2460 IPv6 Specification; RFC 2461 IPv6 Neighbor Discovery; RFC 2462 IPv6 Stateless Address Auto-configuration; RFC 2463 ICMPv6; RFC 2464 Transmission of IPv6 over Ethernet Networks; RFC 2472 IP Version 6 over PPP; RFC 2473 Generic Packet Tunneling in IPv6; RFC 2529 Transmission of IPv6 Packets over IPv4; RFC 2545 Use of MP-BGP-4 for IPv6; RFC 2553 Basic Socket Interface Extensions for IPv6; RFC 2740 OSPFv3 for IPv6; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3056 Connection of IPv6 Domains via IPv4 Clouds; RFC 3513 IPv6 Addressing Architecture; RFC 3596 DNS Extension for IPv6
- BGP: RFC 1163 Border Gateway Protocol (BGP); RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP MSR900 router series is a component of the HP FlexBranch module of the HP FlexNetwork architecture. HP MSR900 series routers deliver integrated routing, switching, security, and 802.11b/g wireless LAN in a single box for secure, reliable small branch connectivity. These routers are perfect "branch-in-a-box" appliances that deliver converged network solutions,



HP MSR900 Series

Standard features

- Quality of Service (QoS)**
 Traffic policing: supports Committed Access Rate (CAR) and line rate
- Management**
 Industry-standard CLI with a hierarchical structure: reduces training time and expenses, and increases productivity in multivendor installations
- Connectivity**
 Packet storm protection: protects against broadcast, multicast, or unicast storms with user-defined thresholds
- Performance**
 Excellent forwarding performance: provides forwarding performance up to 100 Kpps; meets current and future bandwidth-intensive application demands for enterprise businesses
- Resiliency and high availability**
 Backup Center: acts as a part of the management and backup function to provide backup for device interfaces; delivers reliability by switching traffic over to a backup interface when the primary one fails
- Routing table size: 10000 entries (IPv4), 5000 entries (IPv6)
- Security features: IEEE 802.1X Port Based Network Access Control; RFC 1321 The MD5 Message-Digest Algorithm; RFC 2082 RIP-2 MD5 Authentication; RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2209 RSVP-Message Processing; RFC 2246 Transport Layer Security (TLS); RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 3567 Intermediate System (IS) to IS Cryptographic Authentication
- OSPF: RFC 1245 OSPF protocol analysis; RFC 1246 Experience with OSPF; RFC 1587 OSPF NSSA; RFC 1765 OSPF Database Overflow; RFC 1850 OSPFv2 Management Information Base (MIB), traps; RFC 2328 OSPFv2; RFC 2370 OSPF Opaque LSA Option; RFC 3101 OSPF NSSA
- VPN: RFC 2403 - HMAC-MD5-96; RFC 2404 - HMAC-SHA1-96; RFC 2405 - DES-CBC Cipher algorithm; RFC 2796 BGP Route Reflection - An Alternative to Full Mesh IBGP; RFC 2842 Capabilities Advertisement with BGP-4; RFC 2858 Multiprotocol Extensions for BGP-4; RFC 2918 Route Refresh Capability for BGP-4; RFC 3107 Carrying Label Information in BGP-4
- QoS/Cos: IEEE 802.1P (CoS); RFC 2474 DS Field in the IPv4 and IPv6 Headers; RFC 2475 DiffServ Architecture; RFC 2597 DiffServ Assured Forwarding (AF); RFC 2598 DiffServ Expedited Forwarding (EF); RFC 3168 The Addition of Explicit Congestion Notification (ECN) to IP

Standard Models	Part number	wc	lp
HP A-MSR900 Multi-service Router	JF812A	4U	\$536.00
HP A-MSR900 W Multi-service Router	JF814A	4U	\$731.00
HP A-MSR920 Multi-service Router	JF813A	4U	\$865.00
HP A-MSR920 W Multi-service Router	JF815A	4U	\$1,072.00

Пакеты HP Care Pack	Part number	lp
HP 1 year 24x7 MSR900 router Software Support	HR651E	\$14.00
HP 1 year Post Warranty Next business day Exchange Networks HP MSR900 Router Service	U4F51PE	\$33.00
HP 3 year 24x7 MSR900 Router Software Support	UY875E	\$41.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP MSR900 router series is a component of the HP FlexBranch module of the HP FlexNetwork architecture. HP MSR900 series routers deliver integrated routing, switching, security, and 802.11b/g wireless LAN in a single box for secure, reliable small branch connectivity. These routers are perfect "branch-in-a-box" appliances that deliver converged network solutions,



HP MSR900 Series

- General protocols: IEEE 802.1D MAC Bridges; IEEE 802.1p Priority; IEEE 802.1Q VLANs; IEEE 802.1s Multiple Spanning Trees; IEEE 802.1w Rapid Reconfiguration of Spanning Tree; RFC 768 UDP; RFC 783 TFTP Protocol (revision 2); RFC 791 IP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 854 TELNET; RFC 855 Telnet Option Specification; RFC 856 TELNET; RFC 858 Telnet Suppress Go Ahead Option ; RFC 894 IP over Ethernet; RFC 925 Multi-LAN Address Resolution; RFC 950 Internet Standard Subnetting Procedure ; RFC 959 File Transfer Protocol (FTP); RFC 1006 ISO transport services on top of the TCP: Version 3; RFC 1027 Proxy ARP; RFC 1034 Domain Concepts and Facilities; RFC 1035 Domain Implementation and Specification; RFC 1042 IP Datagrams; RFC 1058 RIPv1; RFC 1071 Computing the Internet Checksum; RFC 1091 Telnet Terminal-Type Option; RFC 1122 Host Requirements; RFC 1141 Incremental updating of the Internet checksum; RFC 1142 OSI IS-IS Intra-domain Routing Protocol; RFC 1144 Compressing TCP/IP headers for low-speed serial links; RFC 1195 OSI ISIS for IP and Dual Environments; RFC 1256 ICMP Router Discovery Protocol (IRDP); RFC 1293 Inverse Address Resolution Protocol; RFC 1315 Management Information Base for Frame Relay DTEs; RFC 1332 The PPP Internet Protocol Control Protocol (IPCP); RFC 1333 PPP Link Quality Monitoring; RFC 1334 PPP Authentication Protocols (PAP); RFC 1349 Type of Service; RFC 1350 TFTP Protocol (revision 2); RFC 1377 The PPP OSI Network Layer Control Protocol (OSINLCP); RFC 1381 SNMP MIB Extension for X.25 LAPB; RFC 1471 The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol; RFC 1472 The Definitions of Managed Objects for the Security Protocols of the Point-to-Point Protocol; RFC 1490 Multiprotocol Interconnect over Frame Relay; RFC 1519 CIDR; RFC 1534 DHCP/BOOTP Interoperation; RFC 1542 Clarifications and Extensions for the Bootstrap Protocol; RFC 1552 The PPP Internetworking Packet Exchange Control Protocol (IPXCP); RFC 1577 Classical IP and ARP over ATM; RFC 1613 Cisco Systems X.25 over TCP (XOT); RFC 1624 Incremental Internet Checksum; RFC 1631 NAT; RFC 1638 PPP Bridging Control Protocol (BCP); RFC 1661 The Point-to-Point Protocol (PPP); RFC 1662 PPP in HDLC-like Framing; RFC 1695 Definitions of Managed Objects for ATM Management Version 8.0 using SMIv2; RFC 1701 Generic Routing Encapsulation; RFC 1702 Generic Routing Encapsulation over IPv4 networks; RFC 1721 RIP-2 Analysis; RFC 1722 RIP-2 Applicability; RFC 1723 RIP v2; RFC (this is a partial list; see the data sheet pdf for a complete list)

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HP MSR900 Series

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- BGP: RFC 1163 Border Gateway Protocol (BGP); RFC 1267 Border Gateway Protocol 3 (BGP-3); RFC 1657 Definitions of Managed Objects for BGPv4; RFC 1771 BGPv4; RFC 1772 Application of the BGP; RFC 1773 Experience with the BGP-4 Protocol; RFC 1774 BGP-4 Protocol Analysis; RFC 1997 BGP Communities Attribute; RFC 1998 PPP Gandalf FZA Compression Protocol; RFC 2385 BGP Session Protection via TCP MD5; RFC 2439 BGP Route Flap Damping
- Network management: IEEE 802.1D (STP); RFC 1155 Structure of Management Information; RFC 1157 SNMPv1; RFC 1905 SNMPv2 Protocol Operations; RFC 2272 SNMPv3 Management Protocol; RFC 2273 SNMPv3 Applications; RFC 2274 USM for SNMPv3; RFC 2275 VACM for SNMPv3; RFC 2575 SNMPv3 View-based Access Control Model (VACM); RFC 3164 BSD syslog Protocol
- IP Multicast: RFC 1112 IGMP; RFC 2236 IGMPv2; RFC 2283 Multiprotocol Extensions for BGP-4; RFC 2362 PIM Sparse Mode; RFC 2934 Protocol Independent Multicast MIB for IPv4; RFC 3376 IGMPv3

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
Chassis Options										
HP 6616 Router Chassis Accessory Kit	JC497A	\$1,756.00		•						
Encryption Accelerators										
HP MSR Standard Encryption Accelerator Module	JD609A	\$1,276.00						•		•
HP MSR Encryption Accelerator Advanced Module	JD608A	\$2,564.00						•		•
Networking Fans/Fan Options										
HP HSR6602 Router Spare Fan Assembly	JG359A	\$532.00				•				
HP 6604 Spare Router Fan Assembly	JC569A	\$780.00		•						
HP HSR6802 Router Spare Fan Assembly	JG367A	\$819.00					•			
HP 6608 Spare Router Fan Assembly	JC570A	\$908.00		•						
HP HSR6804 Router Spare Fan Assembly	JG368A	\$1,027.00					•			
HP 6616 Spare Router Fan Assembly	JC571A	\$2,372.00		•						
HP HSR6808 Router Spare Fan Assembly	JG369A	\$2,576.00					•			
Networking Frames										
HP 6616 Dustproof Router Frame	JC574A	\$112.00		•						
HP 6608 Dustproof Router Frame	JC573A	\$169.00		•						
HP 6604 Dustproof Router Frame	JC572A	\$226.00		•						
Networking Memory										
HP 6600 1GB SDRAM	JC179A	\$127.00		•						
HP X600 256M Compact Flash Card	JC686A	\$136.00			•			•		•
HP X600 512M Compact Flash Card	JC685A	\$178.00			•		•	•		•
HP X610 1GB DDR2 SDRAM Memory	JC071A	\$211.00					•			
HP MSR 256MB SDRAM	JD647A	\$222.00								•
HP X610 2G VLP DDR3 SDRAM Memory	JG482A	\$319.00				•	•			
HP X600 1G Compact Flash Card	JC684A	\$331.00			•		•	•		•
HP 8800 1GB SDRAM	JC136A	\$393.00			•					
HP 2GB Registered DDR2 SDRAM Memory	JC609A	\$397.00			•					
HP 2GB DDR2 SDRAM Memory	JG205A	\$424.00					•			
HP MSR 512MB SDRAM	JD648A	\$426.00								•
Power Connections										
Кабель RPS HP X290 A-MSR30 1 м	JD637A	\$39.00		•						•
Redundant Power Supplies										
HP RPS 800 Redundant Power Supply	JD183A	\$1,159.00		•						•
Router Cables										
HP X260 T1 Voice Router Cable	JD535A	\$11.00			•			•	•	•
HP X260 T1 Router Cable	JD518A	\$11.00			•			•	•	•
Кабель маршрутизатора HP X260 T3/E3	JD531A	\$13.00								•
Вспомогательный кабель маршрутизатора HP X260	JD508A	\$13.00						•	•	•
Кабель HP X200 Transit Plug D25F MP8(S)	JD636A	\$14.00								•
Кабель HP X200 Transit RJ45 0,5 м	JD641A	\$15.00								•
Кабель маршрутизатора HP X260 E3-30 E3/T3	JD533A	\$20.00								•
Кабель последовательного порта HP X200 X.21 DCE 3 м	JD529A	\$27.00		•		•		•	•	•

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Кабель маршрутизатора HP X260 E1 BNC Extend 10 м	JC153A	\$29.00			•					
Кабель последовательного порта HP X200 V.24 DTE 3 м	JD519A	\$31.00		•		•		•	•	•
Кабель последовательного порта HP X200 V.24 DCE 3 м	JD521A	\$31.00		•		•		•	•	•
Кабель последовательного порта HP X200 V.35 DTE 3 м	JD523A	\$32.00		•		•		•	•	•
Кабель маршрутизатора HP X260 E1 BNC Extend 15 м	JC154A	\$38.00			•					
HP X260 RS530 3m DTE Serial Port Cable	JF827A	\$48.00		•		•		•	•	•
HP X260 RS449 3m DCE Serial Port Cable	JF826A	\$48.00		•				•	•	•
Кабель маршрутизатора HP X260 E1 BNC Extend 20 м	JC155A	\$48.00			•					
HP X260 RS449 3m DTE Serial Port Cable	JF825A	\$48.00		•		•		•	•	•
Кабель последовательного порта HP X200 X.21 DTE 3 м	JD527A	\$48.00		•		•		•	•	•
HP X260 RS530 3m DCE Serial Port Cable	JF828A	\$48.00		•		•		•	•	•
Кабель маршрутизатора HP X260 E1 RJ45 120 ohm 2 м	JC156A	\$48.00			•					
Кабель-переходник для маршрутизатора HP X260 E1 RJ45 BNC (75-120 Ом)	JD511A	\$51.00		•	•	•		•	•	•
Кабель маршрутизатора HP X260 E1 RJ45 3 м	JD509A	\$51.00						•	•	•
HP X260 Mini D-28 to 4-RJ45 0.3m Router Cable	JG263A	\$60.00						•	•	•
Кабель маршрутизатора HP X260 E1 BNC 20 м	JD514A	\$61.00						•	•	•
Кабель последовательного порта HP X200 V.35 DCE 3 м	JD525A	\$64.00		•		•		•	•	•
HP X260 2E1 BNC 3m Router Cable	JD643A	\$69.00						•	•	•
Кабель маршрутизатора HP X260 E1 RJ45 120 ohm 15 м	JC151A	\$78.00			•					
Кабель маршрутизатора HP X260 8E1 BNC 75 Ом 3 м	JD512A	\$87.00		•		•				•
Кабель маршрутизатора HP X260 E1 RJ45 20 м	JD517A	\$87.00						•	•	•
Кабель маршрутизатора HP X260 E1 BNC 75 Ом 3 м	JD175A	\$115.00						•	•	•
HP X260 SIC-8AS RJ45 0.28m Router Cable	JD642A	\$127.00						•	•	•
Кабель маршрутизатора HP X260 E1 RJ45 120 ohm 30 м	JC152A	\$137.00			•					
Кабель маршрутизатора HP X260 E1 BNC 75 Ом 40 м	JD516A	\$159.00						•	•	•
Кабель маршрутизатора на 4 порта HP X260 E1 IMA	JD638A	\$286.00								•
Кабель маршрутизатора HP X260 E1 RJ45 120 ohm 3 м	JC126A	\$489.00			•					
Кабель маршрутизатора HP X260 E1 BNC 75 Ом 3 м	JC127A	\$489.00			•					
Кабель маршрутизатора HP X260 T1 RJ45 100 ohm 3 м	JC128A	\$489.00			•					
HP X260 8T1 RJ45 3m Router Cable	JD639A	\$680.00								•
HP CAB-75ohm 8E1-3m-BNC-IMA	JD927A	\$682.00								•

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Router Modules										
HP MSR 8-channel Voice Processor Module	JD601A	\$286.00						•	•	•
1-портовый модуль HP Enhanced Serial SIC A-MSR	JD557A	\$286.00						•	•	•
HP MSR 4-port 10/100 SIC Module	JD573B	\$304.00						•	•	•
HP MSR Voice Co-processor Module	JD610A	\$372.00						•	•	•
1-портовый модуль HP FXS SIC A-MSR	JD561A	\$372.00						•	•	•
HP MSR 1-port ISDN-S/T SIC Module	JD571A	\$372.00						•	•	•
HP MSR 1-port FXO SIC Module	JD559A	\$372.00						•	•	•
HP 2-port ISDN-S/T Voice Interface SIC Module	JF821A	\$438.00						•	•	•
HP MSR 16-port 10/100 XMIM Module	JF279A	\$511.00								•
HP MSR 1-port ADSL over ISDN BRI U SIC Module	JG056B	\$539.00						•	•	•
1-портовый модуль HP ADSL2+ SIC A-MSR	JD537A	\$542.00						•	•	•
HP MSR 16-channel Voice Processor Module	JD600A	\$584.00						•	•	•
HP MSR 9-port 10/100 DSIC Module	JD574B	\$584.00						•	•	•
2-портовый модуль HP FXS SIC A-MSR	JD560A	\$584.00						•	•	•
2-портовый модуль HP FXO SIC A-MSR	JD558A	\$584.00						•	•	•
HP 802.11b/g/n Wireless AP SIC Module	JF819A	\$584.00						•	•	•
HP MSR 2-port FXO MIM Module	JD543A	\$659.00								•
HP MSR 24-port 10/100 XMIM Module	JF276A	\$682.00								•
HP MSR 1-port Fractional E1 SIC Module	JD634B	\$731.00						•	•	•
HP MSR HSPA/WCDMA SIC Module	JG187A	\$770.00						•	•	•
HP MSR 1-port 8-wire G.SHDSL (RJ45) DSIC Module	JG191A	\$809.00						•	•	•
HP MSR 4-port FXS / 1-port FXO DSIC Module	JG189A	\$810.00						•	•	•
HP 8-port Asynchronous Serial Interface SIC Router Module	JF281A	\$816.00						•	•	•
HP MSR 4-port FXO MIM Module	JD542A	\$840.00								•
HP MSR 24-channel Voice Processor Module	JD599A	\$872.00						•	•	•
HP MSR 2 FXS +1 FXO Voice Interface SIC Module	JD632A	\$872.00						•	•	•
HP MSR 1-port E1/CE1/PRI SIC Module	JF253B	\$903.00						•	•	•
HP MSR 1-port 10/100 SIC Module	JD545B	\$926.00						•	•	•
1-портовый модуль HP E1-Voice SIC A-MSR	JD575A	\$957.00						•	•	•
HP MSR 32-channel Voice Processor Module	JD598A	\$1,170.00						•	•	•
HP MSR 8-port Async Serial Interface MIM Module	JF840A	\$1,207.00								•
HP MSR 4-port Voice E and M MIM Module	JD539A	\$1,308.00								•
HP 16-port FXS Voice Interface MIM Module	JF822A	\$1,646.00								•
HP MSR 2-port E1-Voice MIM Module	JD567A	\$1,649.00								•
HP MSR 2-port Fractional E1 SIC Module	JF842A	\$1,756.00						•	•	•
HP 4-port ISDN BRI S/T Voice Interface MIM Module	JF837A	\$1,756.00								•
HP MSR 16-port Async Serial SIC Module	JG186A	\$1,775.00						•	•	•
HP MSR 8-port Sync/Async Interface Enhanced Module	JD552A	\$1,851.00		•		•	•			•
HP MSR 2-port 10/100 MIM Module	JD613A	\$2,128.00								•
HP MSR 16-port Async Serial Interface MIM Module	JF841A	\$2,231.00								•
HP MSR 1-port OC-3c/STM-1c POS MIM Module	JG193A	\$2,287.00								•

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HP 1-port 100Mbt SFP SIC Router Module	JF280A	\$2,439.00						•	•	•
HP MSR 1-port 10/100/1000 SIC Module	JD572A	\$2,564.00						•	•	•
HP MSR 4-port E1/Fractional E1 MIM Module	JF257B	\$2,817.00								•
HP MSR 4-port T1/Fractional T1 MIM Module	JF254B	\$2,817.00								•
HP MSR 4-port 10/100BASE-TX Module	JD551A	\$3,405.00								•
HP MSR 2-port Gig-T MIM Module	JD548A	\$3,650.00		•						•
HP MSR 8-port Fractional E1 MIM Module	JF255A	\$3,708.00		•		•	•			•
HP 6600 FIP-10 Flexible Interface Platform Router Module	JG357A	\$3,722.00		•		•				
HP 6600 FIP-20 Flexible Interface Platform Router Module	JG358A	\$4,042.00		•		•				
HP MSR 1-port OC-3 ATM MIM Module	JD624A	\$4,214.00								•
HP MSR Open Application Platform (OAP) with VMware vSphere MIM Module	JG532A	\$4,256.00								•
HP MSR 8-port E1 IMA (75ohm) MIM Module	JD555B	\$4,440.00								•
HP MSR 4-port CE1/PRI MIM Module	JD550A	\$4,470.00								•
4-портовый модуль HP GbE SFP HIM A6600	JC171A	\$4,576.00		•		•	•			
HP 6600 8-port 10/100BASE-T HIM Router Module	JC575A	\$4,788.00		•		•	•			
HP MSR Open Application Platform (OAP) with VMware vSphere FIC Module	JG533A	\$4,790.00								•
HP 6600 FIP-110 Flexible Interface Platform Router Module	JC166B	\$4,859.00		•			•			
1-портовый модуль HP OC-3c/STM-1c ATM HIM A6600	JC175A	\$4,864.00		•		•	•			
4-портовый модуль HP GbE WAN HIM A6600	JC163A	\$5,353.00		•		•	•			
HP MSR 8-port E1/CE1/PRI (75ohm) MIM Module	JD563A	\$5,635.00		•			•			•
HP 8800 2-port OC-3c/STM-1c POS / 6-port GbE Module	JC483A	\$6,318.00			•					
8-портовый модуль HP GbE SFP HIM A6600	JC174A	\$6,620.00		•		•	•			
2-портовый модуль HP OC-3/1-port OC-12 POS HIM A6600	JC173A	\$7,302.00		•		•	•			
8-портовый модуль HP GbE WAN HIM A6600	JC164A	\$7,791.00		•		•	•			
1-портовый модуль HP 10-GbE XFP HIM A6600	JC168A	\$7,791.00		•		•	•			
HP 6600 2-port OC-3c/STM-1c ATM SFP Router Module	JC495A	\$7,795.00		•		•	•			
HP 6600 MCP-X1 Router Main Processing Unit	JG355A	\$8,513.00		•						
HP 8800 20-port 10/100/1000 Ethernet Electrical Interface Module	JC135B	\$8,758.00			•					
HP 8800 4-port OC-3c/STM-1c ATM Module	JC490A	\$10,222.00			•					
1-портовый модуль HP OC-3 E3/T3 CPOS HIM A6600	JC170A	\$10,708.00		•		•	•			
HP 6600 24-port GbE SFP Service Aggregation Platform (SAP) Router Module	JC568A	\$11,610.00		•			•			
HP 6600 48-port Gig-T Service Aggregation Platform (SAP) Router Module	JC567A	\$11,610.00		•			•			
HP 6600 RPE-X1 Router Module	JC165A	\$12,166.00		•						

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HP 8800 2-port 10GbE XFP Service Processing Module	JC605A	\$12,988.00			•					
HP 8800 1-port OC-3/STM-1 CPOS (E1/T1) / 8-port Fiber GbE Module	JC477A	\$13,431.00			•					
HP 6600 FIP-210 Flexible Interface Platform Router Module	JC167B	\$13,628.00		•			•			
HP 8800 2-port OC-12c/STM-4c POS / 6-port GbE Module	JC484A	\$14,114.00			•					
HP 8800 16-port GbE SFP / 8-port GbE Combo Service Processing Module	JC606A	\$14,580.00			•					
HP 8800 1-port OC-12c/STM-4c ATM Module	JC491A	\$14,602.00			•					
4-портовый модуль HP OC-3/2-port OC-12 POS HIM A6600	JC172A	\$14,604.00		•		•	•			
HP HSR6800 FIP-600 Flexible Interface Platform Router Module	JG360A	\$15,478.00					•			
1-портовый модуль HP OC-3 E1/T1 CPOS1 HIM A6600	JC161A	\$15,573.00		•		•	•			
HP 6600 RSE-X1 Router Main Processing Unit	JC566A	\$16,257.00		•						
HP 8800 8-port OC-3c/OC-12c POS/GE Module	JC482A	\$16,347.00			•					
HP 8800 Single Fabric Main Processing Unit	JC597A	\$16,385.00			•					
HP 6600 MCP-X2 Router Main Processing Unit	JG356A	\$17,027.00		•						
2-портовый модуль HP OC-3 E3/T3 CPOS HIM A6600	JC169A	\$17,031.00		•		•	•			
HP 8800 Single Processor Service Engine Module	JC598A	\$17,451.00			•					
HP 8800 Network Analysis Service Module	JC608A	\$17,472.00			•					
HP 6600 48-port GbE SFP Service Aggregation Platform Module	JG556A	\$18,577.00		•			•			
HP 8800 48-port Gig-T Service Processing Module	JC603A	\$19,389.00			•					
HP 8800 Network Address Translation Service Module	JC607A	\$20,435.00			•					
HP 8800 2-port OC-3/STM-1 CPOS E1/T1 / 8-port Fiber GbE Module	JC478A	\$23,362.00			•					
HP 8800 Enhanced Single Processor Service Engine Module	JC600A	\$27,266.00			•					
HP 8800 2-port OC-48c/STM-16c POS / 4-port GbE Module	JC485A	\$29,206.00			•					
HP 8800 Dual Processor Service Engine Module	JC599A	\$33,951.00			•					
HP 8800 4-port OC-3/STM-1 CPOS E3/T3 / 4-port Fiber GbE Module	JC479A	\$36,513.00			•					
HP 8800 1-port OC-12/STM-4 CPOS (E3/T3) / 4-port Fiber GbE Module	JC480A	\$36,513.00			•					
HP 6600 2-port OC-48c/STM-16c RPR SFP HIM Router Module	JC576A	\$36,779.00		•		•	•			

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HP 6600 1-port OC-48/STM-16 POS (SFP) Router Module	JC494A	\$38,941.00		•		•	•			
HP 8800 Enhanced Dual Processor Service Engine Module	JC601A	\$52,727.00			•					
HP 8800 1-port OC-48/STM-16 CPOS (OC-3/STM-1) Module	JC481A	\$58,412.00			•					
HP 8800 20-port 1000BASE-X Module	JC132B	N/A			•					
HP 8800 1-port OC-192c/STM-64c RPR Module	JC489A	\$17,518.00			•					
HP HSR6808 SFE-X1 Switch Fabric Engine Router Module	JG365A	\$18,069.00					•			
HP HSR6800 4-port 10GbE SFP+ Service Aggregation Platform (SAP) Router Module	JG366A	\$18,577.00					•			
HP 8800 4-port 10GbE XFP Service Processing Module	JC602A	\$19,370.00			•					
HP HSR6800 RSE-X2 Router Main Processing Unit	JG364A	\$23,225.00					•			
HP 8800 48-port GbE SFP Service Processing Module	JC604A	\$24,273.00			•					
HP 8800 2-port OC-48c/STM-16c RPR Module	JC488A	\$29,206.00			•					
HP 8800 Dual Fabric Main Processing Unit	JC596A	\$29,915.00			•					
2-портовый модуль HP OC-3 E1/T1 CPOS HIM A6600	JC162A	\$31,157.00		•		•	•			
HP 8800 1-port OC-192c/STM-64c POS Module	JC487A	\$46,725.00			•					
HP 8800 4-port OC-48c / STM-16c POS SFP Module	JC486A	\$58,412.00			•					
Switch Rackmount/Rail Kits										
HP 3100/4210-16/-8 PoE Rack Mount Kit	JD323A	\$34.00							•	
HP X421 Chassis Universal 4-post Rack Mounting Kit	JC665A	\$269.00			•					
Блоки питания для сетей										
HP 5800 300W AC Power Supply	JC087A	\$478.00				•				
Блок питания HP A7500 650 Вт переменного тока	JD217A	\$946.00		•						
HP 6616 650W AC Router Power Supply	JC492A	\$963.00		•			•			
HP 5800 300W DC Power Supply	JC090A	\$968.00				•				
HP 6616 650W DC Router Power Supply	JC493A	\$1,121.00		•			•			
Блок питания HP A7500 650 Вт постоянного тока	JD209A	\$1,457.00		•						
HP HSR6800 1200W AC Power Supply	JG335A	\$1,548.00					•			
HP HSR6800 1200W DC Power Supply	JG334A	\$2,056.00					•			
Лицензии HP ProCurve Networking										
Лицензия на ПО для маршрутизатора HP A6600	JC180A	\$3,405.00		•						
Лицензия на ПО для маршрутизатора HP A8800	JC157A	\$7,302.00			•					
Приемопередатчики										
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00		•	•	•		•	•	•
Трансивер HP X120 1G SFP RJ45 T	JD089B	\$382.00		•	•	•				
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00		•	•	•		•	•	•

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HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00		•	•	•		•	•	•
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00		•	•	•		•	•	•
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00		•	•	•		•	•	•
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00		•	•	•		•	•	•
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00		•	•	•		•	•	•
Трансивер HP X110 100M SFP LC LH80	JD091A	\$1,476.00		•	•	•		•	•	•
HP X120 622M SFP LC LX 15km Transceiver	JF829A	\$1,792.00		•	•	•				
HP X130 10G SFP+ LC SR Transceiver	JD092B	\$1,841.00		•		•				
HP X130 10G XFP LC SR Transceiver	JD117B	\$1,936.00		•	•	•				
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00		•	•	•		•	•	•
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00		•	•	•		•	•	•
HP X120 622M SFP LC LH 40km 1310 Transceiver	JF830A	\$2,134.00		•	•	•				
HP X160 2.5G SFP LC 2km Transceiver	JD084A	\$2,437.00		•	•	•				
Трансивер HP X160 2.5G SFP LC 15km	JD085A	\$2,873.00		•	•	•				
HP X130 10G XFP LC LR Transceiver	JD108B	\$3,405.00		•	•	•				
HP X120 622M SFP LC LH 80km 1550 Transceiver	JF831A	\$3,964.00		•	•	•				
HP X130 10G SFP+ LC LR Transceiver	JD094B	\$4,172.00		•		•				
Трансивер HP X120 1G SFP LC LH100	JD103A	\$4,768.00		•	•	•		•	•	•
Трансивер HP X170 1G SFP LC LH70 1510	JD115A	\$4,864.00			•					
Трансивер HP X170 1G SFP LC LH70 1490	JD114A	\$4,864.00			•					
Трансивер HP X170 1G SFP LC LH70 1530	JD116A	\$4,864.00			•					
HP X170 1G SFP LC LH70 1470 Transceiver	JD113A	\$4,864.00			•					
Трансивер HP X170 1G SFP LC LH70 1590	JD111A	\$4,864.00			•					
Трансивер HP X170 1G SFP LC LH70 1610	JD112A	\$4,864.00			•					
Трансивер HP X170 1G SFP LC LH70 1570	JD110A	\$4,864.00			•					
Трансивер HP X170 1G SFP LC LH70 1550	JD109A	\$4,864.00			•					
HP X130 10G SFP+ LC ER 40km Transceiver	JG234A	\$10,430.00		•		•				
HP X135 10G XFP LC ER Transceiver	JD121A	\$11,605.00		•	•	•				
HP X130 10G XFP LC ZR Transceiver	JD107A	\$18,500.00			•					
Hardware Software Combo Support Services										
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M95PE	\$8.00	•							
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M96PE	\$19.00	•							
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M99PE	\$21.00	•							
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M97PE	\$21.00	•							
HP 1 year Post Warranty Next business day Exchange Networks HP 1xx Wireless Router product Service	U4M98PE	\$31.00	•							

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Product options	Part number	lp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 3 year Support Plus 24 ProCurve V1xx Router Service	UW088E	\$54.00	.							
HP 4 year Support Plus 24 ProCurve V1xx Router Service	UW089E	\$73.00	.							
HP 5 year Support Plus 24 ProCurve V1xx Router Service	UW090E	\$91.00	.							
HP 1 year Next business day Exchange Plus HP MSR20 Router Support	U4D27E	\$197.00						.	.	
HP 1 year 4-Hour Exchange Plus HP MSR20 Router Support	U0T04E	\$316.00						.	.	
HP 1 year Post Warranty Support Plus24 Networks MSR20 Router Service	HP930PE	\$352.00						.	.	
HP 1 year Support Plus24 Networks MSR20 Router Service	HR556E	\$373.00						.	.	
HP 1 year Next business day Exchange Plus HP MSR30 Router Support	U4D28E	\$488.00								.
HP 3 year Next business day Exchange Plus HP MSR20 Router Support	U4D78E	\$573.00						.	.	
HP 4 year Next business day Exchange Plus HP MSR20 Router Support	U4E29E	\$750.00						.	.	
HP 1 year 4-Hour Exchange Plus HP MSR30 Router Support	U0T05E	\$782.00								.
HP 1 year Post Warranty Support Plus24 Networks MSR30 Router Service	HP925PE	\$869.00								.
HP 3 year 4-Hour Exchange Plus HP MSR20 Router Support	U0T55E	\$919.00						.	.	
HP 5 year Next business day Exchange Plus HP MSR20 Router Support	U0S53E	\$920.00						.	.	
HP 1 year Support Plus24 Networks MSR30 Router Service	HR551E	\$923.00								.
HP 3 year Support Plus 24 ProCurve MSR Router Service	UW009E	\$1,154.00						.	.	
HP 3 year Next business day Proactive Care Secure Router MSR20 Service	U2P93E	\$1,174.00						.	.	
HP 4 year 4-Hour Exchange Plus HP MSR20 Router Support	U0U06E	\$1,203.00						.	.	
HP 1 year Next business day Exchange Plus 6602 G Router Support	U8D79E	\$1,218.00				.				
HP 1 year Next business day Exchange Plus HP 6602 Router Support	U4D10E	\$1,398.00		.						
HP 3 year Next business day Exchange Plus HP MSR30 Router Support	U4D79E	\$1,420.00								.
HP 5 year 4-Hour Exchange Plus HP MSR20 Router Support	U0U57E	\$1,475.00						.	.	
HP 4 year Support Plus 24 ProCurve MSR Router Service	UW010E	\$1,522.00						.	.	
HP 4 year Next business day Proactive Care Secure Router MSR20 Service	U2P94E	\$1,549.00						.	.	
HP 3 year 4 hour 24x7 Proactive Care MSR20 Router Service	U2P96E	\$1,616.00						.	.	
HP 4 year Next business day Exchange Plus HP MSR30 Router Support	U4E30E	\$1,860.00								.

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HP 5 year Support Plus 24 ProCurve MSR Router Service	UW011E	\$1,874.00						•	•	
HP 5 year Next business day Proactive Care Secure Router MSR20 Service	U2P95E	\$1,907.00						•	•	
HP 1 year 4 hour Exchange Plus with 24x7 6602 G Router Support	U8D80E	\$1,939.00				•				
HP 4 year 4 hour 24x7 Proactive Care Secure Router MSR20 Service	U2P97E	\$2,128.00						•	•	
HP 3 year 6 hour Call to Repair Proactive Care MSR20 Router Service	U2P99E	\$2,140.00						•	•	
HP 1 year 4-Hour Exchange Plus HP 6602 Router Support	U0S87E	\$2,224.00		•						
HP 3 year 4-Hour Exchange Plus HP MSR30 Router Support	U0T56E	\$2,275.00								•
HP 5 year Next business day Exchange Plus HP MSR30 Router Support	U0S54E	\$2,280.00								•
HP 1 year 6602 G Router Support Plus 24 Service	U8D84E	\$2,284.00				•				
HP 1 year Next business day Exchange Plus HP 66xx Router Support	U4D11E	\$2,311.00		•						
HP 1 year Post Warranty Support Plus24 Networks 6602 Router Service	HP875PE	\$2,442.00		•						
HP 5 year 4 hour 24x7 Proactive Care Secure Router MSR20 Service	U2P98E	\$2,616.00						•	•	
HP 1 year Support Plus24 Networks 6602 Router Service	HR526E	\$2,619.00		•						
HP 4 year 6 hour Call to Repair Proactive Care Secure Router MSR20 Service	U2Q00E	\$2,813.00						•	•	
HP 3 year Support Plus 24 ProCurve MSR30 Router Service	UX157E	\$2,856.00								•
HP 3 year Next business day Proactive Care Secure Router MSR30 Service	U2Q65E	\$2,907.00								•
New! HP 1 year Next business day 6802 Router Exchange with 24x7 Software Support	U8F21E	\$2,963.00					•			
HP 4 year 4-Hour Exchange Plus HP MSR30 Router Support	U0U07E	\$2,980.00								•
New! HP 1 year Next business day 6804 Router Exchange with 24x7 Software Support	U8F54E	\$3,190.00					•			
New! HP 1 year Next business day 6808 Router Exchange with 24x7 Software Support	U8F87E	\$3,451.00					•			
HP 5 year 6 hour Call to Repair Proactive Care Secure Router MSR20 Service	U2Q01E	\$3,457.00						•	•	
HP 3 year Next business day Exchange Plus 6602 G Router Support	U8D86E	\$3,544.00				•				
HP 5 year 4-Hour Exchange Plus HP MSR30 Router Support	U0U58E	\$3,653.00								•
HP 1 year 4-Hour Exchange Plus HP 66xx Router Support	U0S88E	\$3,682.00		•						
HP 4 year Support Plus 24 ProCurve MSR30 Router Service	UX158E	\$3,767.00								•
HP 4 year Next business day Proactive Care Secure Router MSR30 Service	U2Q66E	\$3,834.00								•

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Product options	Part number	lp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 3 year 4 hour 24x7 Proactive Care MSR30 Router Service	U2Q68E	\$3,999.00								•
HP 1 year Post Warranty Support Plus24 Networks 66xx Router Service	HP880PE	\$4,057.00		•						
HP 3 year Next business day Exchange Plus HP 6602 Router Support	U4D61E	\$4,069.00		•						
HP 1 year Support Plus24 Networks 66xx Router Service	HR531E	\$4,339.00		•						
HP 5 year Support Plus 24 ProCurve MSR30 Router Service	UX159E	\$4,638.00								•
HP 4 year Next business day Exchange Plus 6602 G Router Support	U8D97E	\$4,641.00				•				
New! HP 1 year 4 hour Exchange with 24x7 6802 Router Software Support	U8F22E	\$4,719.00					•			
HP 5 year Next business day Proactive Care Secure Router MSR30 Service	U2Q67E	\$4,720.00								•
New! HP 1 year 4 hour Exchange with 24x7 6804 Router Software Support	U8F55E	\$5,079.00					•			
HP 4 year 4 hour 24x7 Proactive Care Secure Router MSR30 Service	U2Q69E	\$5,265.00								•
HP 3 year 6 hour Call to Repair Proactive Care MSR30 Router Service	U2Q71E	\$5,293.00								•
HP 4 year Next business day Exchange Plus HP 6602 Router Support	U4E12E	\$5,328.00		•						
New! HP 1 year 4 hour Exchange with 24x7 6808 Router Software Support	U8F88E	\$5,501.00					•			
New! HP 1 year Support Plus 24 6802 Router Service	U8F27E	\$5,560.00					•			
HP 3 year 4 hour Exchange with 24x7 6602 G Router Software Support	U8D87E	\$5,641.00				•				
HP 5 year Next business day Exchange Plus 6602 G Router Support	U8E04E	\$5,690.00				•				
New! HP 1 year Support Plus 24 6804 Router Service	U8F60E	\$5,984.00					•			
HP 3 year 4-Hour Exchange Plus HP 6602 Router Support	U0T38E	\$6,472.00		•						
HP 5 year 4 hour 24x7 Proactive Care Secure Router MSR30 Service	U2Q70E	\$6,474.00								•
New! HP 1 year Support Plus 24 6808 Router Service	U8F93E	\$6,483.00					•			
HP 5 year Next business day Exchange Plus HP 6602 Router Support	U0S36E	\$6,532.00		•						
HP 3 year Next business day Exchange Plus HP 66xx Router Support	U4D62E	\$6,724.00		•						
HP 4 year 6 hour Call to Repair Proactive Care Secure Router MSR30 Service	U2Q72E	\$6,959.00								•
HP 3 year 6602 G Router 24 Support Plus	U8D96E	\$7,064.00				•				
HP 3 year Next business day 6602 G Router Proactive Service	U8D89E	\$7,209.00				•				
HP 4 year 4 hour Exchange Plus 6602 G Router Support	U8D98E	\$7,387.00				•				

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Product options	Part number	hp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 3 year Support Plus 24 Networks 6602 Router Service	HP820E	\$8,102.00		•						
HP 3 year Next business day Proactive Care 6602 router Service	U2T26E	\$8,270.00		•						
HP 4 year 4-Hour Exchange Plus HP 6602 Router Support	U0T89E	\$8,475.00		•						
HP 5 year 6 hour Call to Repair Proactive Care Secure Router MSR30 Service	U2Q73E	\$8,551.00								•
New! HP 3 year Next business day 6802 Router Exchange with 24x7 Software Support	U8F29E	\$8,621.00					•			
HP 4 year Next business day Exchange Plus HP 66xx Router Support	U4E13E	\$8,806.00		•						
HP 5 year 4 hour Exchange Plus 6602 G Router Support	U8E05E	\$9,057.00				•				
New! HP 3 year Next business day 6804 Router Exchange with 24x7 Software Support	U8F62E	\$9,284.00					•			
HP 3 year 4 hour 24x7 6602 G Router Proactive Service	U8D93E	\$9,887.00				•				
New! HP 3 year Next business day 6808 Router Exchange with 24x7 Software Support	U8F95E	\$10,042.00					•			
HP 5 year 4-Hour Exchange Plus HP 6602 Router Support	U0U40E	\$10,390.00		•						
HP 4 year Support Plus 24 Networks 6602 Router Service	HP821E	\$10,686.00		•						
HP 3 year 4-Hour Exchange Plus HP 66xx Router Support	U0T39E	\$10,715.00		•						
HP 5 year Next business day Exchange Plus HP 66xx Router Support	U0S37E	\$10,795.00		•						
HP 4 year Next business day Proactive Care 6602 router Service	U2T27E	\$10,906.00		•						
New! HP 4 year Next business day 6802 Router Exchange with 24x7 Software Support	U8F38E	\$11,290.00					•			
HP 3 year 4 hour 24x7 Proactive Care Networks 6602 Router Service	U2T29E	\$11,339.00		•						
HP 5 year Next business day 6602 G Router Proactive Service	U8E06E	\$11,704.00				•				
New! HP 4 year Next business day 6804 Router Exchange with 24x7 Software Support	U8F71E	\$12,157.00					•			
HP 4 year 4 hour 24x7 6602 G Router Proactive Service	U8E01E	\$13,015.00				•				
HP 3 year 6 hour 24x7 6602 G Router Call to Repair Proactive Service	U8D95E	\$13,060.00				•				
New! HP 4 year Next business day 6808 Router Exchange with 24x7 Software Support	U8G04E	\$13,150.00					•			
HP 5 year Support Plus 24 Networks 6602 Router Service	HP822E	\$13,157.00		•						
HP 3 year Support Plus 24 ProCurve A66xx Router Service	UV943E	\$13,423.00		•						
HP 5 year Next business day Proactive Care 6602 router Service	U2T28E	\$13,426.00		•						
HP 3 year Next business day Proactive Care 6604/08/16 router Service	U2P75E	\$13,692.00		•						

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New! HP 3 year 4 hour Exchange with 24x7 6802 Router Software Support	U8F30E	\$13,732.00					•			
New! HP 5 year Next business day 6802 Router Exchange with 24x7 Software Support	U8F46E	\$13,841.00					•			
HP 1 year Next business day Exchange Plus HP 88xx Router Support	U4D18E	\$13,881.00			•					
HP 4 year 4-Hour Exchange Plus HP 66xx Router Support	U0T90E	\$14,032.00		•						
HP 1 year Post Warranty Support Plus24 Networks A8802 Router Service	HP885PE	\$14,219.00			•					
New! HP 3 year 4 hour Exchange with 24x7 6804 Router Software Support	U8F63E	\$14,781.00					•			
New! HP 5 year Next business day 6804 Router Exchange with 24x7 Software Support	U8F79E	\$14,904.00					•			
HP 4 year 4 hour 24x7 Proactive Care 6602 router Service	U2T30E	\$14,925.00		•						
HP 3 year 6 hour Call to Repair Proactive Care 6602 Router Service	U2T32E	\$14,973.00		•						
HP 5 year 4 hour 24x7 6602 G Router Proactive Service	U8E09E	\$16,004.00				•				
New! HP 3 year 4 hour Exchange with 24x7 6808 Router Software Support	U8F96E	\$16,008.00					•			
New! HP 5 year Next business day 6808 Router Exchange with 24x7 Software Support	U8G12E	\$16,121.00					•			
HP 4 year 6 hour 24x7 6602 G Router Call to Repair Proactive Service	U8E03E	\$17,169.00				•				
New! HP 3 year 24 hour 6802 Router Support Plus	U8F37E	\$17,201.00					•			
HP 5 year 4-Hour Exchange Plus HP 66xx Router Support	U0U41E	\$17,203.00		•						
New! HP 3 year Next business day 6802 Router Proactive Service	U8F31E	\$17,547.00					•			
HP 4 year Support Plus 24 ProCurve A66xx Router Service	UV944E	\$17,705.00		•						
New! HP 4 year 4 hour Exchange with 24x7 6802 Router Software Support	U8F39E	\$17,983.00					•			
HP 4 year Next business day Proactive Care 6604/08/16 router Service	U2P76E	\$18,057.00		•						
HP 5 year 4 hour 24x7 Proactive Care 6602 router Service	U2T31E	\$18,354.00		•						
New! HP 3 year 24 hour 6804 Router Support Plus	U8F70E	\$18,512.00					•			
HP 3 year 4 hour 24x7 Proactive Care 66xx Router Service	U2P78E	\$18,789.00		•						
New! HP 3 year Next business day 6804 Router Proactive Service	U8F64E	\$18,888.00					•			
New! HP 4 year 4 hour Exchange with 24x7 6804 Router Software Support	U8F72E	\$19,357.00					•			
HP 4 year 6 hour Call to Repair Proactive Care 6602 router Service	U2T33E	\$19,684.00		•						
New! HP 3 year 24 hour 6808 Router Support Plus	U8G03E	\$20,056.00					•			

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New! HP 4 year 24 hour 6802 Router Support Plus	U8F45E	\$20,070.00					•			
New! HP 3 year Next business day 6808 Router Proactive Service	U8F97E	\$20,454.00					•			
New! HP 4 year 4 hour Exchange with 24x7 6808 Router Software Support	U8G05E	\$20,962.00					•			
New! HP 4 year 24 hour 6804 Router Support Plus	U8F78E	\$21,599.00					•			
HP 5 year Support Plus 24 ProCurve A66xx Router Service	UV945E	\$21,799.00		•						
New! HP 5 year 4 hour Exchange with 24x7 6802 Router Software Support	U8F47E	\$22,046.00					•			
HP 1 year 4-Hour Exchange Plus HP 88xx Router Support	U0S95E	\$22,124.00			•					
HP 5 year Next business day Proactive Care 6604/08/16 router Service	U2P77E	\$22,230.00		•						
New! HP 4 year 24 hour 6808 Router Support Plus	U8G11E	\$23,404.00					•			
New! HP 5 year 4 hour Exchange with 24x7 6804 Router Software Support	U8F80E	\$23,731.00					•			
New! HP 3 year 4 hour 24x7 6802 Router Proactive Service	U8F34E	\$24,075.00					•			
HP 5 year 6 hour Call to Repair Proactive Care 6602 router Service	U2T34E	\$24,188.00		•						
HP 1 year Post Warranty Support Plus24 Networks 88xx Router Service	HP890PE	\$24,382.00			•					
New! HP 5 year 24 hour 6802 Router Support Plus	U8F53E	\$24,724.00					•			
HP 4 year 4 hour 24x7 Proactive Care 6604/08/16 router Service	U2P79E	\$24,732.00		•						
HP 3 year 6 hour Call to Repair Proactive Care 66xx Router Service	U2P81E	\$24,826.00		•						
New! HP 5 year 4 hour Exchange with 24x7 6808 Router Software Support	U8G13E	\$25,699.00					•			
New! HP 3 year 4 hour 24x7 6804 Router Proactive Service	U8F67E	\$25,910.00					•			
HP 1 year Support Plus24 Networks 88xx Router Service	HR541E	\$26,072.00			•					
New! HP 5 year 24 hour 6804 Router Support Plus	U8F86E	\$26,608.00					•			
New! HP 3 year 4 hour 24x7 6808 Router Proactive Service	U8G00E	\$28,075.00					•			
New! HP 5 year Next business day 6802 Router Proactive Service	U8F48E	\$28,489.00					•			
New! HP 5 year 24 hour 6808 Router Support Plus	U8G19E	\$28,831.00					•			
HP 5 year 4 hour 24x7 Proactive Care 6604/08/16 router Service	U2P80E	\$30,414.00		•						
New! HP 5 year Next business day 6804 Router Proactive Service	U8F81E	\$30,666.00					•			
New! HP 4 year 4 hour 24x7 6802 Router Proactive Service	U8F42E	\$31,690.00					•			

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New! HP 3 year 6 hour 24x7 6802 Router Call to Repair Proactive Service	U8F36E	\$31,806.00					•			
HP 4 year 6 hour Call to Repair Proactive Care 6604/08/16 router Service	U2P82E	\$32,637.00		•						
New! HP 5 year Next business day 6808 Router Proactive Service	U8G14E	\$33,210.00					•			
New! HP 4 year 4 hour 24x7 6804 Router Proactive Service	U8F75E	\$34,105.00					•			
New! HP 3 year 6 hour 24x7 6804 Router Call to Repair Proactive Service	U8F69E	\$34,226.00					•			
New! HP 4 year 4 hour 24x7 6808 Router Proactive Service	U8G08E	\$36,955.00					•			
New! HP 3 year 6 hour 24x7 6808 Router Call to Repair Proactive Service	U8G02E	\$37,099.00					•			
New! HP 5 year 4 hour 24x7 6802 Router Proactive Service	U8F51E	\$38,970.00					•			
HP 5 year 6 hour Call to Repair Proactive Care 6604/08/16 router Service	U2P83E	\$40,105.00		•						
HP 3 year Next business day Exchange Plus HP 88xx Router Support	U4D69E	\$40,393.00			•					
New! HP 4 year 6 hour 24x7 6802 Router Call to Repair Proactive Service	U8F44E	\$41,813.00					•			
New! HP 5 year 4 hour 24x7 6804 Router Proactive Service	U8F84E	\$41,940.00					•			
New! HP 4 year 6 hour 24x7 6804 Router Call to Repair Proactive Service	U8F77E	\$44,995.00					•			
New! HP 5 year 4 hour 24x7 6808 Router Proactive Service	U8G17E	\$45,444.00					•			
New! HP 4 year 6 hour 24x7 6808 Router Call to Repair Proactive Service	U8G10E	\$48,772.00					•			
HP 4 year Next business day Exchange Plus HP 88xx Router Support	U4E20E	\$52,896.00			•					
HP 3 year 4-Hour Exchange Plus HP 88xx Router Support	U0T46E	\$64,379.00			•					
HP 5 year Next business day Exchange Plus HP 88xx Router Support	U0S44E	\$64,849.00			•					
HP 3 year Support Plus 24 ProCurve A88xx Router Service	UV990E	\$80,657.00			•					
HP 3 year Next business day Proactive Care 8805/08/12 router Service	U2P84E	\$82,263.00			•					
HP 4 year 4-Hour Exchange Plus HP 88xx Router Support	U0T97E	\$84,306.00			•					
HP 5 year 4-Hour Exchange Plus HP 88xx Router Support	U0U48E	\$103,357.00			•					
HP 4 year Support Plus 24 ProCurve A88xx Router Service	UV991E	\$106,386.00			•					
HP 4 year Next business day Proactive Care 8805/08/12 router Service	U2P85E	\$108,490.00			•					
HP 3 year 4 hour 24x7 Proactive Care 88xx Router Service	U2P87E	\$112,901.00			•					
HP 5 year Support Plus 24 ProCurve A88xx Router Service	UV992E	\$130,984.00			•					

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Product options	Part number	hp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 5 year Next business day Proactive Care 8805/08/12 router Service	U2P86E	\$133,563.00			•					
HP 4 year 4 hour 24x7 Proactive Care 8805/08/12 router Service	U2P88E	\$148,611.00			•					
HP 3 year 6 hour Call to Repair Proactive Care 88xx Router Service	U2P90E	\$149,183.00			•					
HP 5 year 4 hour 24x7 Proactive Care 8805/08/12 router Service	U2P89E	\$182,750.00			•					
HP 4 year 6 hour Call to Repair Proactive Care 8805/08/12 router Service	U2P91E	\$196,122.00			•					
HP 5 year 6 hour Call to Repair Proactive Care 8805/08/12 router Service	U2P92E	\$240,999.00			•					
Hardware Support Services										
HP 3 year 4 hour 13x5 ProCurve V1xx Router Hardware Support	UW082E	\$48.00	•							
HP 3 year 4 hour 24x7 ProCurve V1xx Router Hardware Support	UW085E	\$54.00	•							
HP 4 year 4 hour 13x5 ProCurve V1xx Router Hardware Support	UW083E	\$65.00	•							
HP 4 year 4 hour 24x7 ProCurve V1xx Router Hardware Support	UW086E	\$73.00	•							
HP 5 year 4 hour 13x5 ProCurve V1xx Router Hardware Support	UW084E	\$81.00	•							
HP 3 year 6 hour CTR ProCurve V1xx Router Hardware Support	UW094E	\$85.00	•							
HP 5 year 4 hour 24x7 ProCurve V1xx Router Hardware Support	UW087E	\$91.00	•							
HP 4 year 6 hour CTR ProCurve V1xx Router Hardware Support	UW095E	\$113.00	•							
HP 1 year Post Warranty Next business day Exchange Networks HP MSR20 Router products Service	U4F39PE	\$140.00						•	•	
HP 5 year 6 hour CTR ProCurve V1xx Router Hardware Support	UW096E	\$140.00	•							
HP 1 year Post Warranty Next Business Day Exchange Networks MSR20 Router Hardware Support	HP926PE	\$261.00						•	•	
HP 1 year 4 hour 13x5 Networks MSR20 Router Hardware Support	HR554E	\$280.00						•	•	
HP 1 year 4 hour 24x7 Networks MSR20 Router Hardware Support	HR555E	\$316.00						•	•	
HP 1 year Post Warranty 4 hour 13x5 Networks MSR20 Router Hardware Support	HP927PE	\$316.00						•	•	
HP 1 year Post Warranty Next business day Exchange Networks HP MSR30 Router products Service	U4F48PE	\$346.00								•
HP 1 year Post Warranty 4 hour 24x7 Networks MSR20 Router Hardware Support	HP928PE	\$352.00						•	•	
HP 3 year Next business day Exchange ProCurve MSR Router Hardware Support	UW075E	\$407.00						•	•	
HP 1 year 6 hour Call to Repair Networks MSR20 Router Hardware Support	HR558E	\$496.00						•	•	

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 1 year Post Warranty 6 hour Call to Repair Networks MSR20 Router Hardware Support	HP929PE	\$532.00						•	•	
HP 1 year Post Warranty Next Business Day Exchange Networks MSR30 Router Hardware Support	HP921PE	\$631.00								•
HP 1 year 4 hour 13x5 Networks MSR30 Router Hardware Support	HR549E	\$691.00								•
HP 1 year 4 hour 24x7 Networks MSR30 Router Hardware Support	HR550E	\$780.00								•
HP 1 year Post Warranty 4 hour 13x5 Networks MSR30 Router Hardware Support	HP922PE	\$780.00								•
HP 1 year Post Warranty 4 hour 24x7 Networks MSR30 Router Hardware Support	HP923PE	\$869.00								•
HP 3 year 4 hour 13x5 ProCurve MSR Router Hardware Support	UW076E	\$884.00						•	•	
HP 1 year Post Warranty Next business day Exchange Networks HP 6602 Router products Service	U4F56PE	\$971.00		•						
HP 3 year 4 hour 24x7 ProCurve MSR Router Hardware Support	UW006E	\$988.00						•	•	
HP 3 year Next business day Exchange ProCurve MSR30 Router Hardware Support	UX150E	\$1,006.00								•
HP 4 year 4 hour 13x5 ProCurve MSR Router Hardware Support	UW077E	\$1,168.00						•	•	
HP 1 year 6 hour Call to Repair Networks MSR30 Router Hardware Support	HR553E	\$1,225.00								•
HP 4 year 4 hour 24x7 ProCurve MSR Router Hardware Support	UW007E	\$1,305.00						•	•	
HP 1 year Post Warranty 6 hour Call to Repair Networks MSR30 Router Hardware Support	HP924PE	\$1,314.00								•
HP 5 year 4 hour 13x5 ProCurve MSR Router Hardware Support	UW078E	\$1,440.00						•	•	
HP 3 year 6 hour CTR ProCurve MSR Router Hardware Support	UW079E	\$1,512.00						•	•	
HP 5 year 4 hour 24x7 ProCurve MSR Router Hardware Support	UW008E	\$1,608.00						•	•	
HP 1 year Post Warranty Next business day Exchange Networks HP 66xx Router products Service	U4F37PE	\$1,613.00		•						
HP 1 year 4 hour 13x5 6602 G Router Hardware Support	U8D81E	\$1,696.00				•				
HP 1 year Post Warranty Next Business Day Exchange Networks 6602 Router Hardware Support	HP871PE	\$1,806.00		•						
HP 1 year 4 hour 24x7 6602 G Router Hardware Support	U8D82E	\$1,914.00				•				
HP 1 year 4 hour 13x5 Networks 6602 Router Hardware Support	HR524E	\$1,943.00		•						
HP 4 year 6 hour CTR ProCurve MSR Router Hardware Support	UW080E	\$1,991.00						•	•	
HP 3 year 4 hour 13x5 ProCurve MSR30 Router Hardware Support	UX151E	\$2,183.00								•
HP 1 year 4 hour 24x7 Networks 6602 Router Hardware Support	HR525E	\$2,193.00		•						

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Product options	Part number	lp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 1 year Post Warranty 4 hour 13x5 Networks 6602 Router Hardware Support	HP872PE	\$2,193.00		•						
HP 1 year Post Warranty 4 hour 24x7 Networks 6602 Router Hardware Support	HP873PE	\$2,442.00		•						
HP 3 year 4 hour 24x7 ProCurve MSR30 Router Hardware Support	UX154E	\$2,442.00								•
HP 5 year 6 hour CTR ProCurve MSR Router Hardware Support	UW081E	\$2,449.00						•	•	
HP 3 year 6602 G Router Next day Exchange Hardware Support	U8D85E	\$2,467.00				•				
HP 3 year Next business day Exchange Networks 6602 Router Hardware Support	HP826E	\$2,827.00		•						
HP 4 year 4 hour 13x5 ProCurve MSR30 Router Hardware Support	UX152E	\$2,886.00								•
HP 1 year Post Warranty Next Business Day Exchange Networks 66xx Router Hardware Support	HP876PE	\$2,981.00		•						
HP 1 year 6 hour 24x7 Call to Repair 6602 G Router Hardware Support	U8D83E	\$3,004.00				•				
HP 4 year 4 hour 24x7 ProCurve MSR30 Router Hardware Support	UX155E	\$3,225.00								•
HP 1 year 4 hour 13x5 Networks 66xx Router Hardware Support	HR529E	\$3,227.00		•						
HP 1 year 6 hour Call to Repair Networks 6602 Router Hardware Support	HR528E	\$3,441.00		•						
HP 5 year 4 hour 13x5 ProCurve MSR30 Router Hardware Support	UX153E	\$3,558.00								•
HP 1 year 4 hour 24x7 Networks 66xx Router Hardware Support	HR530E	\$3,642.00		•						
HP 1 year Post Warranty 4 hour 13x5 Networks 66xx Router Hardware Support	HP877PE	\$3,642.00		•						
HP 1 year Post Warranty 6 hour Call to Repair Networks 6602 Router Hardware Support	HP874PE	\$3,691.00		•						
HP 3 year 6 hour Call to Repair ProCurve MSR30 Router Hardware Support	UX163E	\$3,735.00								•
HP 5 year 4 hour 24x7 ProCurve MSR30 Router Hardware Support	UX156E	\$3,973.00								•
HP 1 year Post Warranty 4 hour 24x7 Networks 66xx Router Hardware Support	HP878PE	\$4,057.00		•						
New! HP 1 year 4 hour 13x5 6802 Router Hardware Support	U8F23E	\$4,132.00					•			
New! HP 1 year 4 hour 13x5 6804 Router Hardware Support	U8F56E	\$4,445.00					•			
New! HP 1 year 4 hour 24x7 6802 Router Hardware Support	U8F24E	\$4,664.00					•			
HP 3 year Next business day Exchange ProCurve A66xx Router Hardware Support	UW054E	\$4,695.00		•						
New! HP 1 year 4 hour 13x5 6808 Router Hardware Support	U8F89E	\$4,824.00					•			
HP 4 year 6 hour Call to Repair ProCurve MSR30 Router Hardware Support	UX164E	\$4,919.00								•
New! HP 1 year 4 hour 24x7 6804 Router Hardware Support	U8F57E	\$5,017.00					•			

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Product options	Part number	lp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 3 year 4 hour 13x5 6602 G Router Hardware Support	U8D90E	\$5,353.00				•				
New! HP 1 year 4 hour 24x7 6808 Router Hardware Support	U8F90E	\$5,444.00					•			
HP 1 year Post Warranty Next business day Exchange Networks HP 8802 Router products Service	U4F57PE	\$5,655.00			•					
HP 1 year 6 hour Call to Repair Networks 66xx Router Hardware Support	HR533E	\$5,716.00		•						
HP 3 year 4 hour 24x7 6602 G Router Hardware Support	U8D92E	\$5,988.00				•				
New! HP 3 year 6802 Router Next day Exchange Hardware Support	U8F28E	\$6,013.00					•			
HP 5 year 6 hour Call to Repair ProCurve MSR30 Router Hardware Support	UX165E	\$6,050.00								•
HP 1 year Post Warranty 6 hour Call to Repair Networks 66xx Router Hardware Support	HP879PE	\$6,131.00		•						
HP 3 year 4 hour 13x5 Networks 6602 Router Hardware Support	HP830E	\$6,133.00		•						
New! HP 3 year 6804 Router Next day Exchange Hardware Support	U8F61E	\$6,468.00					•			
HP 3 year 4 hour 24x7 Networks 6602 Router Hardware Support	HP817E	\$6,860.00		•						
New! HP 3 year 6808 Router Next day Exchange Hardware Support	U8F94E	\$7,019.00					•			
HP 4 year 4 hour 13x5 6602 G Router Hardware Support	U8D99E	\$7,077.00				•				
New! HP 1 year 6 hour 24x7 Call to Repair 6802 Router Hardware Support	U8F25E	\$7,320.00					•			
New! HP 1 year 6 hour 24x7 Call to Repair 6804 Router Hardware Support	U8F58E	\$7,874.00					•			
HP 4 year 4 hour 24x7 6602 G Router Hardware Support	U8E00E	\$7,908.00				•				
HP 4 year 4 hour 13x5 Networks 6602 Router Hardware Support	HP831E	\$8,108.00		•						
New! HP 1 year 6 hour 24x7 Call to Repair 6808 Router Hardware Support	U8F91E	\$8,545.00					•			
HP 5 year 4 hour 13x5 6602 G Router Hardware Support	U8E07E	\$8,725.00				•				
HP 4 year 4 hour 24x7 Networks 6602 Router Hardware Support	HP818E	\$9,060.00		•						
HP 3 year 6 hour 24x7 Call to Repair 6602 G Router Hardware Support	U8D94E	\$9,160.00				•				
HP 1 year Post Warranty Next business day Exchange Networks HP 88xx Router products Service	U4F38PE	\$9,697.00			•					
HP 5 year 4 hour 24x7 6602 G Router Hardware Support	U8E08E	\$9,744.00				•				
HP 5 year 4 hour 13x5 Networks 6602 Router Hardware Support	HP832E	\$9,996.00		•						
HP 3 year 4 hour 13x5 ProCurve A66xx Router Hardware Support	UW062E	\$10,187.00		•						

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Product options	Part number	hp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 1 year Post Warranty Next Business Day Exchange Networks A8802 Router Hardware Support	HP881PE	\$10,465.00			•					
HP 3 year 6 hour Call to Repair Networks 6602 Router Hardware Support	HP827E	\$10,494.00		•						
HP 5 year 4 hour 24x7 Networks 6602 Router Hardware Support	HP819E	\$11,163.00		•						
HP 3 year 4 hour 24x7 ProCurve A66xx Router Hardware Support	UV930E	\$11,394.00		•						
HP 4 year 6 hour 24x7 Call to Repair 6602 G Router Hardware Support	U8E02E	\$12,062.00				•				
HP 1 year Post Warranty 4 hour 13x5 Networks A8802 Router Hardware Support	HP882PE	\$12,765.00			•					
New! HP 3 year 4 hour 13x5 6802 Router Hardware Support	U8F32E	\$13,046.00					•			
HP 4 year 4 hour 13x5 ProCurve A66xx Router Hardware Support	UW063E	\$13,467.00		•						
HP 4 year 6 hour Call to Repair Networks 6602 Router Hardware Support	HP828E	\$13,819.00		•						
New! HP 3 year 4 hour 13x5 6804 Router Hardware Support	U8F65E	\$14,033.00					•			
HP 1 year Post Warranty 4 hour 24x7 Networks A8802 Router Hardware Support	HP883PE	\$14,219.00			•					
New! HP 3 year 4 hour 24x7 6802 Router Hardware Support	U8F33E	\$14,592.00					•			
HP 5 year 6 hour 24x7 Call to Repair 6602 G Router Hardware Support	U8E10E	\$14,837.00				•				
HP 4 year 4 hour 24x7 ProCurve A66xx Router Hardware Support	UV931E	\$15,048.00		•						
New! HP 3 year 4 hour 13x5 6808 Router Hardware Support	U8F98E	\$15,229.00					•			
New! HP 3 year 4 hour 24x7 6804 Router Hardware Support	U8F66E	\$15,696.00					•			
HP 5 year 4 hour 13x5 ProCurve A66xx Router Hardware Support	UW064E	\$16,603.00		•						
HP 5 year 6 hour Call to Repair Networks 6602 Router Hardware Support	HP829E	\$16,998.00		•						
New! HP 3 year 4 hour 24x7 6808 Router Hardware Support	U8F99E	\$17,034.00					•			
New! HP 4 year 4 hour 13x5 6802 Router Hardware Support	U8F40E	\$17,246.00					•			
HP 3 year 6 hour CTR ProCurve A66xx Router Hardware Support	UW055E	\$17,431.00		•						
HP 1 year Post Warranty Next Business Day Exchange Networks 88xx Router Hardware Support	HP886PE	\$17,949.00			•					
HP 5 year 4 hour 24x7 ProCurve A66xx Router Hardware Support	UV932E	\$18,542.00		•						
New! HP 4 year 4 hour 13x5 6804 Router Hardware Support	U8F73E	\$18,552.00					•			
New! HP 4 year 4 hour 24x7 6802 Router Hardware Support	U8F41E	\$19,271.00					•			
HP 1 year 4 hour 13x5 Networks 88xx Router Hardware Support	HR539E	\$19,395.00			•					

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Product options	Part number	hp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
New! HP 4 year 4 hour 13x5 6808 Router Hardware Support	U8G06E	\$20,132.00					•			
New! HP 4 year 4 hour 24x7 6804 Router Hardware Support	U8F74E	\$20,730.00					•			
New! HP 5 year 4 hour 13x5 6802 Router Hardware Support	U8F49E	\$21,263.00					•			
HP 1 year Post Warranty 6 hour Call to Repair Networks A8802 Router Hardware Support	HP884PE	\$21,490.00			•					
HP 1 year Post Warranty 4 hour 13x5 Networks 88xx Router Hardware Support	HP887PE	\$21,888.00			•					
HP 1 year 4 hour 24x7 Networks 88xx Router Hardware Support	HR540E	\$21,888.00			•					
New! HP 3 year 6 hour 24x7 Call to Repair 6802 Router Hardware Support	U8F35E	\$22,322.00					•			
New! HP 4 year 4 hour 24x7 6808 Router Hardware Support	U8G07E	\$22,496.00					•			
New! HP 5 year 4 hour 13x5 6804 Router Hardware Support	U8F82E	\$22,872.00					•			
HP 4 year 6 hour CTR ProCurve A66xx Router Hardware Support	UW056E	\$22,954.00		•						
New! HP 5 year 4 hour 24x7 6802 Router Hardware Support	U8F50E	\$23,745.00					•			
New! HP 3 year 6 hour 24x7 Call to Repair 6804 Router Hardware Support	U8F68E	\$24,012.00					•			
HP 1 year Post Warranty 4 hour 24x7 Networks 88xx Router Hardware Support	HP888PE	\$24,382.00			•					
New! HP 5 year 4 hour 13x5 6808 Router Hardware Support	U8G15E	\$24,820.00					•			
New! HP 5 year 4 hour 24x7 6804 Router Hardware Support	U8F83E	\$25,542.00					•			
New! HP 3 year 6 hour 24x7 Call to Repair 6808 Router Hardware Support	U8G01E	\$26,058.00					•			
New! HP 5 year 4 hour 24x7 6808 Router Hardware Support	U8G16E	\$27,718.00					•			
HP 3y Next business day Exchange ProCurve A88xx Router Hardware Support	UW982E	\$28,219.00			•					
HP 5 year 6 hour CTR ProCurve A66xx Router Hardware Support	UW057E	\$28,233.00		•						
New! HP 4 year 6 hour 24x7 Call to Repair 6802 Router Hardware Support	U8F43E	\$29,395.00					•			
New! HP 4 year 6 hour 24x7 Call to Repair 6804 Router Hardware Support	U8F76E	\$31,620.00					•			
New! HP 4 year 6 hour 24x7 Call to Repair 6808 Router Hardware Support	U8G09E	\$34,313.00					•			
HP 1 year 6 hour Call to Repair Networks 88xx Router Hardware Support	HR543E	\$34,356.00			•					
New! HP 5 year 6 hour 24x7 Call to Repair 6802 Router Hardware Support	U8F52E	\$36,156.00					•			
HP 1 year Post Warranty 6 hour Call to Repair Networks 88xx Router Hardware Support	HP889PE	\$36,850.00			•					
New! HP 5 year 6 hour 24x7 Call to Repair 6804 Router Hardware Support	U8F85E	\$38,893.00					•			

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Product options	Part number	hp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
New! HP 5 year 6 hour 24x7 Call to Repair 6808 Router Hardware Support	U8G18E	\$42,206.00					•			
HP 3 year 4 hour 13x5 ProCurve A88xx Router Hardware Support	UW065E	\$61,226.00			•					
HP 3 year 4 hour 24x7 ProCurve A88xx Router Hardware Support	UV967E	\$68,483.00			•					
HP 4 year 4 hour 13x5 ProCurve A88xx Router Hardware Support	UW066E	\$80,941.00			•					
HP 4 year 4 hour 24x7 ProCurve A88xx Router Hardware Support	UV968E	\$90,444.00			•					
HP 5 year 4 hour 13x5 ProCurve A88xx Router Hardware Support	UW067E	\$99,790.00			•					
HP 3 year 6 hour CTR ProCurve A88xx Router Hardware Support	UW058E	\$104,765.00			•					
HP 5 year 4 hour 24x7 ProCurve A88xx Router Hardware Support	UV969E	\$111,440.00			•					
HP 4 year 6 hour CTR ProCurve A88xx Router Hardware Support	UW059E	\$137,956.00			•					
HP 5 year 6 hour CTR ProCurve A88xx Router Hardware Support	UW060E	\$169,688.00			•					
Software Support Services										
HP 1 year Networks MSR20 Router Software Support	HR557E	\$57.00						•	•	
HP 1 year Networks MSR30 Router Software Support	HR552E	\$142.00								•
HP 3 year 24x7 ProCurve MSR Router Software Support	UW012E	\$166.00						•	•	
HP 4 year 24x7 ProCurve MSR Router Software Support	UW013E	\$217.00						•	•	
HP 5 year 24x7 ProCurve MSR Router Software Support	UW014E	\$266.00						•	•	
HP 3 year 24x7 ProCurve MSR30 Router Software Support	UX160E	\$414.00								•
HP 1 year Networks 6602 Router Software Support	HR527E	\$427.00		•						
HP 4 year 24x7 ProCurve MSR30 Router Software Support	UX161E	\$542.00								•
HP 5 year 24x7 ProCurve MSR30 Router Software Support	UX162E	\$665.00								•
HP 1 year Networks 66xx Router Software Support	HR532E	\$697.00		•						
New! HP 1 year 2hr 24x7 6802 Router Software Support	U8F26E	\$896.00					•			
New! HP 1 year 2 hour 24x7 6804 Router Software Support	U8F59E	\$968.00					•			
New! HP 1 year 2hr 24x7 6808 Router Software Support	U8F92E	\$1,039.00					•			
HP 3 year 24x7 Networks 6602 Router Software Support	HP823E	\$1,242.00		•						
HP 4 year 24x7 Networks 6602 Router Software Support	HP824E	\$1,627.00		•						
HP 5 year 24x7 Networks 6602 Router Software Support	HP825E	\$1,994.00		•						
HP 3 year 24x7 ProCurve A66xx Router Software Support	UV955E	\$2,029.00		•						

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Product options	Part number	hp	HP 100 Router Series	HP 6600 Router Series	HP 8800 Router Series	HP HSR6600 Router Series	HP HSR6800 Router Series	HP MSR20 Series	HP MSR20-1x Series	HP MSR30 Series
HP 4 year 24x7 ProCurve A66xx Router Software Support	UV956E	\$2,657.00		•						
HP 5 year 24x7 ProCurve A66xx Router Software Support	UV957E	\$3,257.00		•						
HP 1 year Networks 88xx Router Software Support	HR542E	\$4,184.00			•					
HP 3 year 24x7 ProCurve A88xx Router Software Support	UV993E	\$12,174.00			•					
HP 4 year 24x7 ProCurve A88xx Router Software Support	UV994E	\$15,942.00			•					
HP 5 year 24x7 ProCurve A88xx Router Software Support	UV995E	\$19,545.00			•					

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Product options	Part number	lp	HP MSR50 Series	HP MSR900 Series
Encryption Accelerators				
HP MSR Standard Encryption Accelerator Module	JD609A	\$1,276.00	•	
HP MSR Encryption Accelerator Advanced Module	JD608A	\$2,564.00	•	
Networking Memory				
HP X600 256M Compact Flash Card	JC686A	\$136.00	•	
HP X600 512M Compact Flash Card	JC685A	\$178.00	•	
HP MSR 256MB SDRAM	JD647A	\$222.00	•	
HP X600 1G Compact Flash Card	JC684A	\$331.00	•	
HP 2GB DDR2 SDRAM Memory	JG205A	\$424.00	•	
HP MSR 512MB SDRAM	JD648A	\$426.00	•	
Router Cables				
HP X260 T1 Router Cable	JD518A	\$11.00	•	
HP X260 T1 Voice Router Cable	JD535A	\$11.00	•	
Кабель маршрутизатора HP X260 T3/E3	JD531A	\$13.00	•	
Вспомогательный кабель маршрутизатора HP X260	JD508A	\$13.00	•	
Кабель HP X200 Transit Plug D25F MP8(S)	JD636A	\$14.00	•	
Кабель HP X200 Transit RJ45 0,5 м	JD641A	\$15.00	•	
Кабель маршрутизатора HP X260 E3-30 E3/T3	JD533A	\$20.00	•	
Кабель последовательного порта HP X200 X.21 DCE 3 м	JD529A	\$27.00	•	
Кабель последовательного порта HP X200 V.24 DTE 3 м	JD519A	\$31.00	•	
Кабель последовательного порта HP X200 V.24 DCE 3 м	JD521A	\$31.00	•	
Кабель последовательного порта HP X200 V.35 DTE 3 м	JD523A	\$32.00	•	
HP X260 RS530 3m DTE Serial Port Cable	JF827A	\$48.00	•	
HP X260 RS449 3m DTE Serial Port Cable	JF825A	\$48.00	•	
Кабель последовательного порта HP X200 X.21 DTE 3 м	JD527A	\$48.00	•	
HP X260 RS449 3m DCE Serial Port Cable	JF826A	\$48.00	•	
HP X260 RS530 3m DCE Serial Port Cable	JF828A	\$48.00	•	
Кабель-переходник для маршрутизатора HP X260 E1 RJ45 BNC (75-120 Ом)	JD511A	\$51.00	•	
Кабель маршрутизатора HP X260 E1 RJ45 3 м	JD509A	\$51.00	•	
HP X260 Mini D-28 to 4-RJ45 0.3m Router Cable	JG263A	\$60.00	•	
Кабель маршрутизатора HP X260 E1 BNC 20 м	JD514A	\$61.00	•	
Кабель последовательного порта HP X200 V.35 DCE 3 м	JD525A	\$64.00	•	
HP X260 2E1 BNC 3m Router Cable	JD643A	\$69.00	•	
Кабель маршрутизатора HP X260 8E1 BNC 75 Ом 3 м	JD512A	\$87.00	•	
Кабель маршрутизатора HP X260 E1 RJ45 20 м	JD517A	\$87.00	•	
Кабель маршрутизатора HP X260 E1 BNC 75 Ом 3 м	JD175A	\$115.00	•	
HP X260 SIC-8AS RJ45 0.28m Router Cable	JD642A	\$127.00	•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP MSR50 Series	HP MSR900 Series
HP MSR 50 pin D-sub Male to 24 x RJ-11 Plug 15m Router Cable	JG318A	\$158.00	•	
Кабель маршрутизатора HP X260 E1 BNC 75 Ом 40 м	JD516A	\$159.00	•	
Кабель маршрутизатора на 4 порта HP X260 E1 IMA	JD638A	\$286.00	•	
HP X260 8T1 RJ45 3m Router Cable	JD639A	\$680.00	•	
HP CAB-75ohm 8E1-3m-BNC-IMA	JD927A	\$682.00	•	
Router Modules				
HP MSR 8-channel Voice Processor Module	JD601A	\$286.00	•	
1-портовый модуль HP Enhanced Serial SIC A-MSR	JD557A	\$286.00	•	
HP MSR 4-port 10/100 SIC Module	JD573B	\$304.00	•	
HP MSR Voice Co-processor Module	JD610A	\$372.00	•	
1-портовый модуль HP FXS SIC A-MSR	JD561A	\$372.00	•	
HP MSR 1-port ISDN-S/T SIC Module	JD571A	\$372.00	•	
HP MSR 1-port FXO SIC Module	JD559A	\$372.00	•	
HP 2-port ISDN-S/T Voice Interface SIC Module	JF821A	\$438.00	•	
HP MSR 1-port ADSL over ISDN BRI U SIC Module	JG056B	\$539.00	•	
1-портовый модуль HP ADSL2+ SIC A-MSR	JD537A	\$542.00	•	
2-портовый модуль HP FXS SIC A-MSR	JD560A	\$584.00	•	
HP MSR 16-channel Voice Processor Module	JD600A	\$584.00	•	
2-портовый модуль HP FXO SIC A-MSR	JD558A	\$584.00	•	
HP MSR 9-port 10/100 DSIC Module	JD574B	\$584.00	•	
HP 802.11b/g/n Wireless AP SIC Module	JF819A	\$584.00	•	
HP MSR 1-port Fractional E1 SIC Module	JD634B	\$731.00	•	
HP MSR50 Module	JD651A	\$733.00	•	
HP MSR HSPA/WCDMA SIC Module	JG187A	\$770.00	•	
HP MSR 1-port 8-wire G.SHDSL (RJ45) DSIC Module	JG191A	\$809.00	•	
HP MSR 4-port FXS / 1-port FXO DSIC Module	JG189A	\$810.00	•	
HP 8-port Asynchronous Serial Interface SIC Router Module	JF281A	\$816.00	•	
HP MSR 2 FXS +1 FXO Voice Interface SIC Module	JD632A	\$872.00	•	
HP MSR 24-channel Voice Processor Module	JD599A	\$872.00	•	
HP MSR 1-port E1/CE1/PRI SIC Module	JF253B	\$903.00	•	
HP MSR 1-port 10/100 SIC Module	JD545B	\$926.00	•	
1-портовый модуль HP E1-Voice SIC A-MSR	JD575A	\$957.00	•	
HP MSR 4-port FXS FIC Module	JD594A	\$1,063.00	•	
HP MSR 4-port FXO FIC Module	JD593A	\$1,063.00	•	
HP MSR 4-port Enhanced Serial FIC Module	JD584A	\$1,138.00	•	
HP MSR 32-channel Voice Processor Module	JD598A	\$1,170.00	•	
HP MSR50 G2 Module	JD430A	\$1,383.00	•	
HP MSR 2-port Fractional E1 SIC Module	JF842A	\$1,756.00	•	
HP MSR 16-port Async Serial SIC Module	JG186A	\$1,775.00	•	
HP MSR 8-port Serial Enhanced FIC Module	JD580A	\$2,192.00	•	
HP 1-port 100Mbt SFP SIC Router Module	JF280A	\$2,439.00	•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP MSR50 Series	HP MSR900 Series
HP MSR 1-port OC-3c/STM-1c POS FIC Module	JD581C	\$2,543.00	•	
HP MSR 1-port 10/100/1000 SIC Module	JD572A	\$2,564.00	•	
HP MSR 4-port Fractional E1 FIC Module	JD591A	\$2,799.00	•	
HP MSR 24-port FXS FIC Module	JG197A	\$2,831.00	•	
HP MSR 2-port CE1/PRI FIC Module	JD578A	\$2,980.00	•	
HP MSR 1-port 10/100/1000 FIC Module	JD583B	\$3,293.00	•	
HP 4-port 10/100 FIC Module	JF824A	\$3,744.00	•	
HP MSR50 Processor Module	JD653A	\$4,025.00	•	
HP MSR 8-port T1/CT1/PRI FIC Module	JD586B	\$4,200.00	•	
HP MSR 4-port CE1/PRI FIC Module	JD588A	\$4,470.00	•	
HP MSR Open Application Platform (OAP) with VMware vSphere FIC Module	JG533A	\$4,790.00	•	
HP MSR 8-port E1 IMA (75ohm) FIC Module	JF278B	\$4,931.00	•	
HP MSR 8-port T1 IMA FIC Module	JG200A	\$4,931.00	•	
HP MSR 1-port FE3/CE3 FIC Module	JD625A	\$6,567.00	•	
HP MSR50 G2 Processor Module	JD429B	\$10,808.00	•	
HP MSR 1-port OC-3/STM-1 (E1/T1) CPOS FIC Module	JG201A	\$27,669.00	•	
Блоки питания для сетей				
HP MSR50 AC Power Supply	JD650A	\$872.00	•	
HP MSR50-60 DC Power Supply	JF443A	\$1,097.00	•	
Лицензии HP ProCurve Networking				
Лицензия на ПО для маршрутизатора HP A-MSR50	JD434A	\$680.00	•	
Приемопередатчики				
Трансивер HP X110 100M SFP LC FX	JD102B	\$281.00	•	
HP X110 100M SFP LC LX Transceiver	JD120B	\$408.00	•	
HP X120 1G SFP LC SX Transceiver	JD118B	\$472.00	•	
Трансивер HP X110 100M SFP LC LH40	JD090A	\$765.00	•	
HP X120 1G SFP LC LX Transceiver	JD119B	\$819.00	•	
Трансивер HP X120 1G SFP LC BX 10-U	JD098B	\$1,212.00	•	
Трансивер HP X120 1G SFP LC BX 10-D	JD099B	\$1,212.00	•	
Трансивер HP X110 100M SFP LC LH80	JD091A	\$1,476.00	•	
HP X120 1G SFP LC LH40 1550nm Transceiver	JD062A	\$2,070.00	•	
HP X125 1G SFP LC LH40 1310nm Transceiver	JD061A	\$2,070.00	•	
Трансивер HP X120 1G SFP LC LH100	JD103A	\$4,768.00	•	
Hardware Software Combo Support Services				
HP 1 year Next business day Exchange Plus HP MSR900 Router Support	U4D30E	\$47.00		•
HP 1 year 4-Hour Exchange Plus HP MSR900 Router Support	U0T07E	\$75.00		•
HP 1 year Post Warranty Support Plus 24 Networks MSR900 Router Service	HU312PE	\$83.00		•
HP 1 year Support Plus24 MSR900 router Service	HR650E	\$89.00		•
HP 3 year Next business day Exchange Plus HP MSR900 Router Support	U4D81E	\$137.00		•

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP MSR50 Series	HP MSR900 Series
HP 4 year Next business day Exchange Plus HP MSR900 Router Support	U4E32E	\$180.00		•
HP 3 year 4-Hour Exchange Plus HP MSR900 Router Support	U0T58E	\$219.00		•
HP 5 year Next business day Exchange Plus HP MSR900 Router Support	U0S56E	\$220.00		•
HP 3 year Support Plus 24 Networks MSR900 Router Service	UY872E	\$274.00		•
HP 3 year Next business day Proactive Care MSR900 Router Service	U2R01E	\$279.00		•
HP 4 year 4-Hour Exchange Plus HP MSR900 Router Support	U0U09E	\$286.00		•
HP 5 year 4-Hour Exchange Plus HP MSR900 Router Support	U0U60E	\$351.00		•
HP 4 year Support Plus24 MSR900 Router Service	UY873E	\$361.00		•
HP 4 year Next business day Proactive Care MSR900 Router Service	U2R02E	\$369.00		•
HP 3 year 4 hour 24x7 Proactive Care MSR900 Router Service	U2R04E	\$383.00		•
HP 5 year Support Plus24 MSR900 Router Service	UY874E	\$445.00		•
HP 5 year Next business day Proactive Care MSR900 Router Service	U2R03E	\$454.00		•
HP 4 year 4 hour 24x7 Proactive Care MSR900 Router Service	U2R05E	\$505.00		•
HP 3 year 6 hour Call to Repair Proactive Care MSR900 Router Service	U2R07E	\$507.00		•
HP 5 year 4 hour 24x7 Proactive Care MSR900 Router Service	U2R06E	\$621.00		•
HP 4 year 6 hour Call to Repair Proactive Care MSR900 Router Service	U2R08E	\$666.00		•
HP 5 year 6 hour Call to Repair Proactive Care MSR900 Router Service	U2R09E	\$818.00		•
HP 1 year Next business day Exchange Plus HP MSR50 Router Support	U4D29E	\$990.00	•	
HP 1 year 4-Hour Exchange Plus HP MSR50 Router Support	U0T06E	\$1,578.00	•	
HP 1 year Post Warranty Support Plus24 Networks MSR50 Router Service	HP920PE	\$1,739.00	•	
HP 1 year Support Plus24 Networks MSR50 Router Service	HR546E	\$1,860.00	•	
HP 3 year Next business day Exchange Plus HP MSR50 Router Support	U4D80E	\$2,882.00	•	
HP 4 year Next business day Exchange Plus HP MSR50 Router Support	U4E31E	\$3,774.00	•	
HP 3 year 4-Hour Exchange Plus HP MSR50 Router Support	U0T57E	\$4,592.00	•	
HP 5 year Next business day Exchange Plus HP MSR50 Router Support	U0S55E	\$4,627.00	•	
HP 3 year Support Plus 24 ProCurve MSR50 Router Service	UX173E	\$5,753.00	•	
HP 3 year Next business day Proactive Care Secure Router MSR50 Service	U2Q74E	\$5,868.00	•	

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP MSR50 Series	HP MSR900 Series
HP 4 year 4-Hour Exchange Plus HP MSR50 Router Support	U0U08E	\$6,014.00	.	
HP 5 year 4-Hour Exchange Plus HP MSR50 Router Support	U0U59E	\$7,373.00	.	
HP 4 year Support Plus 24 ProCurve MSR50 Router Service	UX174E	\$7,588.00	.	
HP 4 year Next business day Proactive Care Secure Router MSR50 Service	U2Q75E	\$7,739.00	.	
HP 3 year 4 hour 24x7 Proactive Care MSR50 Router Service	U2Q77E	\$8,053.00	.	
HP 5 year Support Plus 24 ProCurve MSR50 Router Service	UX175E	\$9,342.00	.	
HP 5 year Next business day Proactive Care Secure Router MSR50 Service	U2Q76E	\$9,527.00	.	
HP 4 year 4 hour 24x7 Proactive Care Secure Router MSR50 Service	U2Q78E	\$10,600.00	.	
HP 3 year 6 hour Call to Repair Proactive Care MSR50 Router Service	U2Q80E	\$10,640.00	.	
HP 5 year 4 hour 24x7 Proactive Care Secure Router MSR50 Service	U2Q79E	\$13,035.00	.	
HP 4 year 6 hour Call to Repair Proactive Care Secure Router MSR50 Service	U2Q81E	\$13,987.00	.	
HP 5 year 6 hour Call to Repair Proactive Care Secure Router MSR50 Service	U2Q82E	\$17,188.00	.	
Hardware Support Services				
HP 1 year Post Warranty Next business day Exchange Networks HP MSR900 Router Service	U4F51PE	\$33.00		.
HP 1 year Post Warranty Next business day Exchange Networks MSR900 Router Hardware Support	HU308PE	\$65.00		.
HP 1 year 4 hour 13x5 MSR900 router Hardware Support	HR648E	\$66.00		.
HP 1 year Post Warranty 4 hour 13x5 Networks MSR900 Router Hardware Support	HU309PE	\$74.00		.
HP 1 year 4 hour 24x7 MSR900 router Hardware Support	HR649E	\$74.00		.
HP 1 year Post Warranty 4 hour 24x7 Networks MSR900 Router Hardware Support	HU310PE	\$83.00		.
HP 3 year Next Business Day Exchange Networks MSR900 Router Hardware Support	UY865E	\$96.00		.
HP 1 year 6 hour Call to Repair MSR900 router Hardware Support	HR652E	\$117.00		.
HP 1 year Post Warranty 6 hour Call to Repair Networks MSR900 Router Hardware Support	HU311PE	\$125.00		.
HP 3 year 4 hour 13x5 Networks MSR900 Router Hardware Support	UY866E	\$208.00		.
HP 3 year 4 hour 24x7 MSR900 Router Hardware Support	UY869E	\$233.00		.
HP 4 year 4 hour 13x5 MSR900 Router Hardware Support	UY867E	\$275.00		.
HP 4 year 4 hour 24x7 MSR900 Router Hardware Support	UY870E	\$307.00		.

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP MSR50 Series	HP MSR900 Series
HP 5 year 4 hour 13x5 MSR900 Router Hardware Support	UY868E	\$339.00		•
HP 3 year 6 hour Call to Repair MSR900 Router Hardware Support	UY878E	\$356.00		•
HP 5 year 4 hour 24x7 Networks MSR900 Router Hardware Support	UY871E	\$378.00		•
HP 4 year 6 hour Call to Repair Networks MSR900 Router Hardware Support	UY879E	\$468.00		•
HP 5 year 6 hour Call to Repair Networks MSR900 Router Hardware Support	UY880E	\$576.00		•
HP 1 year Post Warranty Next business day Exchange Networks HP MSR50 Router products Service	U4F49PE	\$691.00	•	
HP 1 year Post Warranty Next Business Day Exchange Networks MSR50 Router Hardware Support	HP916PE	\$1,284.00	•	
HP 1 year 4 hour 13x5 Networks MSR50 Router Hardware Support	HR544E	\$1,383.00	•	
HP 1 year 4 hour 24x7 Networks MSR50 Router Hardware Support	HR545E	\$1,561.00	•	
HP 1 year Post Warranty 4 hour 13x5 Networks MSR50 Router Hardware Support	HP917PE	\$1,561.00	•	
HP 1 year Post Warranty 4 hour 24x7 Networks MSR50 Router Hardware Support	HP918PE	\$1,739.00	•	
HP 3 year Next business day Exchange ProCurve MSR50 Router Hardware Support	UX166E	\$2,012.00	•	
HP 1 year 6 hour Call to Repair Networks MSR50 Router Hardware Support	HR548E	\$2,450.00	•	
HP 1 year Post Warranty 6 hour Call to Repair Networks MSR50 Router Hardware Support	HP919PE	\$2,628.00	•	
HP 3 year 4 hour 13x5 ProCurve MSR50 Router Hardware Support	UX167E	\$4,366.00	•	
HP 3 year 4 hour 24x7 ProCurve MSR50 Router Hardware Support	UX170E	\$4,883.00	•	
HP 4 year 4 hour 13x5 ProCurve MSR50 Router Hardware Support	UX168E	\$5,772.00	•	
HP 4 year 4 hour 24x7 ProCurve MSR50 Router Hardware Support	UX171E	\$6,449.00	•	
HP 5 year 4 hour 13x5 ProCurve MSR50 Router Hardware Support	UX169E	\$7,116.00	•	
HP 3 year 6 hour Call to Repair ProCurve MSR50 Router Hardware Support	UX179E	\$7,470.00	•	
HP 5 year 4 hour 24x7 ProCurve MSR50 Router Hardware Support	UX172E	\$7,946.00	•	
HP 4 year 6 hour Call to Repair ProCurve MSR50 Router Hardware Support	UX180E	\$9,837.00	•	
HP 5 year 6 hour Call to Repair ProCurve MSR50 Router Hardware Support	UX181E	\$12,100.00	•	
Software Support Services				
HP 1 year 24x7 MSR900 router Software Support	HR651E	\$14.00		•
HP 3 year 24x7 MSR900 Router Software Support	UY875E	\$41.00		•
HP 4 year 24x7 MSR900 Router Software Support	UY876E	\$54.00		•

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP MSR50 Series	HP MSR900 Series
HP 5 year 24x7 MSR900 Router Software Support	UY877E	\$66.00		•
HP 1 year Networks MSR50 Router Software Support	HR547E	\$299.00	•	
HP 3 year 24x7 ProCurve MSR50 Router Software Support	UX176E	\$870.00	•	
HP 4 year 24x7 ProCurve MSR50 Router Software Support	UX177E	\$1,139.00	•	
HP 5 year 24x7 ProCurve MSR50 Router Software Support	UX178E	\$1,396.00	•	

The HP U200 UTM appliance series are a group of purpose-built security devices designed to provide comprehensive protection for distributed environments such as branch offices and remote sites. Utilizing a state-of-the-art multicore platform and advanced hardware acceleration, the HP U200 UTM appliance series deliver robust protection against malicious attacks that could



HP 200 Unified Threat Management (UTM) Appliance Series

Standard features

- Application highlights**

Enhanced firewall functions: HP U200 unified threat management appliance series provide such basic functions as security zone configuration, static/dynamic blacklist, MAC-IP binding, and ACL application; offer enhanced functions like status-based filtering, virtual firewall, and transportation of 802.1Q-tagged packets; protect the network against attacks from ARP spoofing, invalid TCP flag, large ICMP packets, Challenge Collapsar (CC), SYN flooding, and address/port scanning

- Management**

Complete session logging: provides detailed information for problem identification and resolution

- Warranty and support**

1-year warranty: with advance replacement and 30-calendar-day delivery (available in most countries)

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2465 Management Information Base for IP Version 6: Textual Conventions and General Group (partially support, only "IPv6 Interface Statistics table"); RFC 3484 Default Address Selection for IPv6 ; RFC 3513 IPv6 Addressing Architecture; RFC 3587 IPv6 Global Unicast Address Format; RFC 4007 IPv6 Scoped Address Architecture; RFC 4862 IPv6 Stateless Address Auto-configuration
- Security features: RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; draft-grant-tacacs-02 (TACACS)
- IKEv1: RFC 2407 The Internet IP Security Domain of Interpretation for ISAKMP; RFC 2408 Internet Security Association and Key Management Protocol (ISAKMP).; RFC 2409 The Internet Key Exchange (IKE); RFC 2412 The OAKLEY Key Determination Protocol; RFC 3526 More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE); RFC 3706 A Traffic-Based Method of Detecting Dead Internet Key Exchange (IKE) Peers

Standard Models	Part number	wc	lp
HP U200-S UTM Appliance	JD273A	4U	\$1,745.00
HP U200-A UTM Appliance	JD275A	4U	\$5,820.00

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks S2xx Appliance Software Support	HR703E	\$14.00
HP 3 year 24x7 ProCurve S2xx Appliance Software Support	UW123E	\$41.00
HP 4 year 24x7 ProCurve S2xx Appliance Software Support	UW124E	\$54.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

The HP U200 UTM appliance series are a group of purpose-built security devices designed to provide comprehensive protection for distributed environments such as branch offices and remote sites. Utilizing a state-of-the-art multicore platform and advanced hardware acceleration, the HP U200 UTM appliance series deliver robust protection against malicious attacks that could



HP 200 Unified Threat Management (UTM) Appliance Series

- VPN: RFC 1701 Generic Routing Encapsulation (GRE); RFC 1702 Generic Routing Encapsulation over IPv4 networks.; RFC 1828 IP Authentication using Keyed MD5; RFC 1829 The ESP DES-CBC Transform; RFC 1853 IP in IP Tunneling; RFC 2085 HMAC-MD5 IP Authentication with Replay Prevention; RFC 2401 Security Architecture for the Internet Protocol; RFC 2402 IP Authentication Header; RFC 2403 The Use of HMAC-MD5-96 within ESP and AH; RFC 2404 The Use of HMAC-SHA-1-96 within ESP and AH; RFC 2405 The ESP DES-CBC Cipher Algorithm With Explicit IV; RFC 2406 IP Encapsulating Security Payload (ESP); RFC 2410 The NULL Encryption Algorithm and Its Use With IPsec; RFC 2411 IP Security Document Roadmap; RFC 2451 The ESP CBC-Mode Cipher Algorithms; RFC 2473 Generic Packet Tunneling in IPv6 Specification; RFC 2529 Transmission of IPv6 over IPv4 Domains without Explicit Tunnels; RFC 2661 Layer Two Tunneling Protocol "L2TP"; RFC 2784 Generic Routing Encapsulation (GRE); RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3602 The AES-CBC Cipher Algorithm and Its Use with IPsec; RFC 4214 Intra-Site Automatic Tunnel Addressing Protocol (ISATAP)
- PKI: RFC 2510 Internet X.509 Public Key Infrastructure Certificate Management Protocols; RFC 2511 Internet X.509 Certificate Request Message Format; RFC 3279 Algorithms and Identifiers for the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile; RFC 3280 Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile; draft-nourse-scep-06.; PKCS#1; PKCS#10; PKCS#12; PKCS#7
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; FTP; Support HP A-IMC UTM Manager Software as unified management platform
- Input voltage: 100-240 VAC
- Input frequency: 50/60 Hz
- Form factor: 1U height

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

Built on the latest state-of-the-art multicore CPU platform and with advanced hardware acceleration, the HP Firewall Series enables advanced scalable network protection from the network core to the network edge with firewall throughput at up to 40 Gbps. The series also features rich VPN abilities, including GRE, L2TP, and IPSec tunneling technologies, which makes it



HP Firewall Series

Standard features

- Firewall**

High performance: up to 40 Gbps throughput secures traffic without compromising network performance; a maximum of 4 million concurrent connections and 180,000 new connections per second enables high-volume networks to remain secure under peak traffic

- Virtual private network (VPN)**

IPSec: provides secure tunneling over an untrusted network such as the Internet or a wireless network; offers data confidentiality, authenticity, and integrity between two endpoints of the network

- Management**

Complete session logging: provides detailed information for problem identification and resolution

- Layer 3 routing**

Static IP routing: provides manually configured routing; includes ECMP capability

- Security**

Defense against attacks: provides defense against various attacks, such as DoS/DDoS, ARP spoofing, large ICMP packet, address/port scanning, Tracert, IP packets with the Record Route option, and static and dynamic blacklists; also supports binding of MAC address and IP addresses, as well as intelligent defense of worm viruses

- IPv6: RFC 1981 IPv6 Path MTU Discovery; RFC 2460 IPv6 Specification; RFC 2465 Management Information Base for IP Version 6: Textual Conventions and General Group (partially support, only "IPv6 Interface Statistics table"); RFC 3484 Default Address Selection for IPv6 ; RFC 3513 IPv6 Addressing Architecture; RFC 3587 IPv6 Global Unicast Address Format; RFC 4007 IPv6 Scoped Address Architecture; RFC 4862 IPv6 Stateless Address Auto-configuration

- Security features: IEEE 802.1X:Port-Based Network Access Control (2001); RFC 1321 The MD5 Message-Digest Algorithm; RFC 1334 PPP Authentication Protocols (PAP); RFC 1994 PPP Challenge Handshake Authentication Protocol (CHAP); RFC 2104 Keyed-Hashing for Message Authentication; RFC 2138 RADIUS Authentication; RFC 2618 RADIUS Authentication Client MIB; RFC 2620 RADIUS Accounting Client MIB; RFC 2716 PPP EAP TLS Authentication Protocol; RFC 2865 RADIUS Authentication; RFC 2866 RADIUS Accounting; RFC 2867 RADIUS Accounting Modifications for Tunnel Protocol Support; RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2869 RADIUS Extensions; draft-grant-tacacs-02 (TACACS)

- IKEv1: RFC 2407 The Internet IP Security Domain of Interpretation for ISAKMP; RFC 2408 Internet Security Association and Key Management Protocol (ISAKMP).; RFC 2409 The Internet Key Exchange (IKE); RFC 2412 The OAKLEY Key Determination Protocol; RFC 3526 More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE); RFC 3706 A Traffic-Based Method of Detecting Dead Internet Key Exchange (IKE) Peers

Standard Models	Part number	wc	lp
HP F1000-S-EI VPN Firewall Appliance	JG213A	4U	\$11,175.00
HP F1000-A-EI VPN Firewall Appliance	JG214A	4U	\$15,744.00
HP F5000 Firewall Standalone Chassis	JG216A	4U	\$25,552.00
HP F1000-E VPN Firewall Appliance	JD272A	4U	\$48,526.00

Key options	Part number	lp
HP 5500 150WAC Power Supply	JD362A	\$435.00
HP 5500 150WDC Power Supply	JD366A	\$733.00
Блок питания HP A7500 650 Вт переменного тока	JD217A	\$946.00
Блок питания HP A7500 650 Вт постоянного тока	JD209A	\$1,457.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section.

Пакеты HP Care Pack	Part number	lp
HP 1 year Networks S10xx Appliance Software Support	HR698E	\$28.00
HP 3 year 24x7 ProCurve S10xx Appliance Software Support	UW107E	\$83.00
HP 4 year 24x7 ProCurve S10xx Appliance Software Support	UW108E	\$108.00

For a complete list of available accessories and options please refer to the compatibility matrix at the end of each product section or the separate available CarePack chapter.

Built on the latest state-of-the-art multicore CPU platform and with advanced hardware acceleration, the HP Firewall Series enables advanced scalable network protection from the network core to the network edge with firewall throughput at up to 40 Gbps. The series also features rich VPN abilities, including GRE, L2TP, and IPSec tunneling technologies, which makes it



HP Firewall Series

- VPN: RFC 1701 Generic Routing Encapsulation (GRE); RFC 1702 Generic Routing Encapsulation over IPv4 networks.; RFC 1828 IP Authentication using Keyed MD5; RFC 1829 The ESP DES-CBC Transform; RFC 1853 IP in IP Tunneling; RFC 2085 HMAC-MD5 IP Authentication with Replay Prevention; RFC 2401 Security Architecture for the Internet Protocol; RFC 2402 IP Authentication Header; RFC 2403 The Use of HMAC-MD5-96 within ESP and AH; RFC 2404 The Use of HMAC-SHA-1-96 within ESP and AH; RFC 2405 The ESP DES-CBC Cipher Algorithm With Explicit IV; RFC 2406 IP Encapsulating Security Payload (ESP); RFC 2410 The NULL Encryption Algorithm and Its Use With IPsec; RFC 2411 IP Security Document Roadmap; RFC 2451 The ESP CBC-Mode Cipher Algorithms; RFC 2473 Generic Packet Tunneling in IPv6 Specification; RFC 2529 Transmission of IPv6 over IPv4 Domains without Explicit Tunnels; RFC 2661 Layer Two Tunneling Protocol "L2TP"; RFC 2784 Generic Routing Encapsulation (GRE); RFC 2868 RADIUS Attributes for Tunnel Protocol Support; RFC 2893 Transition Mechanisms for IPv6 Hosts and Routers; RFC 3602 The AES-CBC Cipher Algorithm and Its Use with IPsec; RFC 4214 Intra-Site Automatic Tunnel Addressing Protocol (ISATAP)
- PKI: RFC 2510 Internet X.509 Public Key Infrastructure Certificate Management Protocols; RFC 2511 Internet X.509 Certificate Request Message Format; RFC 3279 Algorithms and Identifiers for the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile; RFC 3280 Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile; draft-nourse-scep-06.; PKCS#1; PKCS#10; PKCS#12; PKCS#7
- Management features: IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; FTP
- Input frequency: 50/60 Hz

Warranty

- **4U**
Warranty period - 1 Year
Service location - HP/Dealer
Service level - Exchange
Installation included - No
Applicable note(s) - 7

The HP Core Controller Base Chassis with 48x1000Base-T and 6x10GbE Ports enables 10 Gbps links to be protected by the industry-leading HP TippingPoint Intrusion Prevention System (IPS). The core controller solution enables up to 20 Gbps of automated, in-line traffic inspection to protect network devices, virtualization software, operating systems, and enterprise and Web applications



HP S Intrusion Prevention System (IPS) Core Controller Appliance Series

Standard features

- Technical features**

Protect network resources and critical applications on 10 GbE network links: The HP Core Controller enables automated, in-line traffic inspection, up to 20 Gbps, to protect network devices, virtualization software, operating systems, and enterprise and Web applications from attack.

Standard Models	Part number	wc	lp
HP Core Controller Base Chassis с 48 портами Gig-T и 6 портами 10GbE	JC182A	4U	\$65,995.00

- Warranty and support**

1-year warranty: with advance replacement and 30-calendar-day delivery (available in most countries)

- Management features: Security Management Server (SMS); command-line interface; HP TippingPoint Controller MIB
- Ports: 48 RJ-45 auto-negotiating 10/100/1000 ports(IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab Type 1000Base-T); 6 XFP 10-GbE ports(IEEE 802.3ae Type 10Gbase-ER), Duplex: full only
- Input voltage: 100-240 VAC
- Input frequency: 50 / 60 Hz
- Input operating current: 8 / 5 A
- Form factor: 2U height

Warranty

- 4U**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

HP S Intrusion Prevention System (IPS) E Series

Standard Models	Part number	wc	lp
HP S1200E 1.2Gbps 4 1Gb Fiber Segments Intrusion Prevention System	JC353A	NA	N/A
HP S2400E 2Gbps 4 1Gb Fiber Segments Intrusion Prevention System	JC356A	NA	N/A
HP S2400E 2Gbps 4 10/100/1000BaseT Copper Segments Intrusion Prevention System	JC354A	NA	N/A
HP S210E (DC) 200Mbps 5 Gig-T Segments/Denial of Service IPS	JC183A	NA	N/A
HP S600E 600Mbps 4 10/100/1000BaseT Copper Segments Intrusion Prevention System	JC360A	NA	N/A
HP S5000E 5Gbps 4 10/100/1000BaseT Copper Segments with Denial of Service IPS	JC357A	NA	N/A
HP S5000E 5Gbps 4 1Gb Fiber Segments with DOS Intrusion Prevention System	JC359A	NA	N/A
HP S1200E 1.2Gbps 4 10/100/1000BaseT Copper Segments IPS	JC351A	NA	N/A
HP S5000E 5Gbps 2 10/100/1000 Copper/2 1Gb Fiber Seg with Denial of Service IPS	JC358A	NA	N/A
HP S2400E 2Gbps 2 Gig-T/2 1Gb Fiber Segments Intrusion Prevention System	JC355A	NA	N/A
HP S1200E 1.2Gbps 2 10/100/1000BaseT Copper and 2 1Gb Fiber Segments IPS	JC352A	NA	N/A
HP S210E 200Mbps 5 Gig-T Segments/Denial of Service IPS	JC181A	NA	N/A
HP S600E 600Mbps 4 1Gb Fiber Segments Intrusion Prevention System	JC362A	NA	N/A
HP S600E 600Mbps 2 10/100/1000 Copper and 2 1Gb Fiber Segments IPS	JC361A	NA	N/A

The HP S Intrusion Prevention System (IPS) N Series achieves a new level of in-line, real-time protection, providing proactive network security for today's and tomorrow's real-world network traffic and data centers. The IPS platform's next-generation architecture adds significant capacity for deep packet traffic inspection, and its modular software design enables the addition of valuable



HP S Intrusion Prevention System (IPS) N Series

Standard features

- Technical features**

Intrusion Prevention System (IPS): The IPS N Series achieves a new level of in-line, real-time protection, providing proactive network security for today's and tomorrow's real-world network traffic and data centers. Its architecture adds significant capacity for deep packet traffic inspection, and its modular software design enables the convergence of additional security services.

- Warranty and support**

1-year warranty: with advance replacement and 30-calendar-day delivery (available in most countries)

- Management features: Security Management Server (SMS); command-line interface; Web browser; HP TippingPoint IPS MIB
- Input voltage: 100-240 VAC
- Input frequency: 50 / 60 Hz
- Input operating current: 8 / 5 A
- Mounting: 19 or 23 inch wide rack—ears provided
- Form factor: 2U height

Standard Models	Part number	wc	lp
HP S660N 750Mbps 5 Gig-T/5 1Gb Copper or Fiber Segments IPS	JC019A	4U	\$41,795.00
HP S1400N 1.5Gbps 5 Gig-T/5 1Gb Copper or Fiber Segments IPS	JC020A	4U	\$72,595.00
HP S2500N 3Gbps 5 Gig-T/1 10GbE/5 1GbE Copper or Fiber Segments IPS	JC021A	4U	\$109,995.00
HP S5100N 5Gbps 5 GigT/1 10GbE/5 1GbE Copper or Fiber Segments IPS	JC022A	4U	\$197,995.00
HP S6100N 8Gb IPS	JC577A	4U	\$230,995.00
HP S5100N IPS/Rail Kit/Controller 10Gbps Bundle	JC689A	4U	\$300,295.00
HP S6100N IPS/Rail Kit/Controller 16Gbps Bundle	JC690A	4U	\$343,195.00

Warranty

- 4U**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

The HP S Intrusion Prevention System (IPS) Series is optimized for performance and reliability at 20, 100, and 300 Mbps with very flexible deployment options. For perimeter protection, the solutions can be deployed in front of or behind a router/firewall to immediately protect the network and applications from inbound threats. Deployment between network zones provides isolation and



HP S Intrusion Prevention System (IPS) Series

Standard features

- Technical features**

Proven in-line threat protection: Since 2001, HP TippingPoint has been laser-focused on creating IPS solutions that provide proactive, in-line network protection while ensuring high network performance and availability. No network security solution remains in-line long if it compromises network performance or uptime. According to a 2008 study by Infonetics Research, more enterprise IPS users use our IPS solutions in-line than any other.

- Warranty and support**

1-year warranty: with advance replacement and 30-calendar-day delivery (available in most countries)

- Input voltage: 100-240 VAC
- Input frequency: 50 / 60 Hz

Standard Models	Part number	wc	lp
Система предотвращения вторжений HP S10 20 Мбит/с	JC184A	4U	\$3,845.00
Система предотвращения вторжений HP S110 100 Мбит/с	JC186A	4U	\$10,995.00
Система предотвращения вторжений HP S330 300 Мбит/с	JC187A	4U	\$21,995.00

Warranty

- 4U**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7



HP S Intrusion Prevention System (IPS) Virtual Controller Series

Warranty

Standard Models	Part number	wc	lp
Лицензия HP vController для VMware на 1 процессор	JC531A	NA	\$220.00

The HP S1500 SSL Appliance provides hardware-accelerated Secure Sockets Layer (SSL) offloading and bridging to enable high-performance intrusion prevention system (IPS) inspection of SSL encrypted traffic, increasing security coverage in next-generation data centers. This easy-to-use SSL appliance helps prevent encrypted attacks from compromising Web servers and Web applications



HP S1500 SSL Appliance Series

Standard features

- Technical features**

Increased application and server security: Web application vulnerabilities and attacks on these vulnerabilities are a major threat, so enterprises are increasingly using both SSL encryption to ensure Web traffic privacy and IPSs to block attacks on the data center. The HP S1500 SSL Appliance with the IPS platform protects the entire data center attack surface, including inspection of SSL encrypted traffic to prevent encrypted attacks from compromising Web servers and Web applications.

- Warranty and support**

1-year warranty: with advance replacement and 30-calendar-day delivery (available in most countries)

Standard Models	Part number	wc	lp
HP S1500 SSL Appliance	JC190A	4U	\$27,495.00

Warranty

- 4U**

Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

The HP Security Management System Appliance Series delivers enterprise-class security management capabilities to all HP security products and is easy to use, reducing IT administrative costs to maintain and manage security solutions. The Security Management System Appliance is a hardened appliance that provides both global vision and security policy control for large-scale



HP Security Management System Appliance Series

Standard features

- Technical features**

Quarantine Protection for automated event response: is included with the HP Security Management System Appliance and is an automated response system that allows IT administrators to specify an action in response to a security event; this can range from directing a user to a self-remediation site, generating a trouble ticket, or, if the event is severe enough, moving them to a secure VLAN or removing them from the network

- Management features: Web browser
- Input frequency: 50/60 Hz

Standard Models	Part number	wc	lp
HP vSMS for VMware vSphere single host Software License	JC561A	NA	\$10,995.00
HP Security Management System Appliance with 25-IPS System License	JC528A	4U	\$16,495.00
HP Security Management System XL Appliance with 500-IPS System License	JC679A	4U	\$54,995.00

Warranty

- 4U**
 Warranty period - 1 Year
 Service location - HP/Dealer
 Service level - Exchange
 Installation included - No
 Applicable note(s) - 7

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
Networking Fans/Fan Options										
HP F5000 Fan Assembly	JG217A	\$794.00		•						
Networking Memory										
HP X600 256M Compact Flash Card	JC686A	\$136.00		•						
HP X600 512M Compact Flash Card	JC685A	\$178.00	•	•						
HP X600 1G Compact Flash Card	JC684A	\$331.00	•	•						
Router Modules										
4-портовый модуль HP GbE SFP HIM A6600	JC171A	\$4,576.00		•						
4-портовый модуль HP GbE WAN HIM A6600	JC163A	\$5,353.00		•						
8-портовый модуль HP GbE WAN HIM A6600	JC164A	\$7,791.00		•						
1-портовый модуль HP 10-GbE XFP HIM A6600	JC168A	\$7,791.00		•						
Security Modules										

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Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP U200-S 2-port Gig-T Module	JD265A	\$799.00	•							
HP U200-A 2-port Gig-T Module	JD266A	\$799.00	•							
HP U200-A 4-port GbE SFP Module	JD267A	\$1,499.00	•							
HP F1000-S/A 2-port 10GbE SFP+ Module	JG317A	\$13,826.00		•						
HP F5000 8-port GbE SFP / 4-port GbE Combo Module	JG212A	\$17,550.00		•						
HP F5000 Firewall Main Processing Unit	JG215A	\$64,933.00		•						
Блоки питания для сетей										
HP 5500 150WAC Power Supply	JD362A	\$435.00		•						
HP 5500 150WDC Power Supply	JD366A	\$733.00		•						
Блок питания HP A7500 650 Вт переменного тока	JD217A	\$946.00		•						
Блок питания HP A7500 650 Вт постоянного тока	JD209A	\$1,457.00		•						
Комплекты монтажа										
Комплект направляющих HP Slide Kit Quick Release	JC017A	\$193.00					•			
Лицензии HP ProCurve Networking										
HP U200-S 1-year Anti-Virus Service LTU	JG076B	\$577.00	•							
HP U200-S 1-year Anti-Spam Service LTU	JG075B	\$799.00	•							
HP U200-A 1-year Anti-Virus Service LTU	JG065B	\$1,236.00	•							
HP U200-A 1-year Anti-Spam Service LTU	JG064B	\$1,338.00	•							
Hardware Software Combo Support Services										
HP 1 year Next business day Exchange Plus HP S2xx Appliance Support	U4D33E	\$129.00	•							
HP 1 year 4-Hour Exchange Plus HP S2xx Appliance Support	U0T10E	\$227.00	•							
HP 1 year Support Plus24 Networks S2xx Appliance Service	HR702E	\$274.00	•							
HP 3 year Next business day Exchange Plus HP S2xx Appliance Support	U4D84E	\$377.00	•							
HP 4 year Next business day Exchange Plus HP S2xx Appliance Support	U4E35E	\$493.00	•							
HP 5 year Next business day Exchange Plus HP S2xx Appliance Support	U0S59E	\$605.00	•							
HP 3 year 4-Hour Exchange Plus HP S2xx Appliance Support	U0T61E	\$662.00	•							
HP 1 year Post Warranty Support Plus24 Networks S2xx Appliance Service	HP940PE	\$831.00	•							
HP 3 year Next business day Proactive Care S2xx Appliance Service	U2Q11E	\$844.00	•							
HP 3 year Support Plus 24 ProCurve S2xx Appliance Service	UW120E	\$855.00	•							
HP 4 year 4-Hour Exchange Plus HP S2xx Appliance Support	U0U12E	\$867.00	•							
HP 5 year 4-Hour Exchange Plus HP S2xx Appliance Support	U0U63E	\$1,063.00	•							
HP 4 year Next business day Proactive Care S2xx Appliance Service	U2Q12E	\$1,114.00	•							

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP 4 year Support Plus 24 ProCurve S2xx Appliance Service	UW121E	\$1,129.00	•							
HP 3 year 4 hour 24x7 Proactive Care S2xx Appliance Service	U2Q14E	\$1,208.00	•							
HP 1 year Next business day Exchange Plus HP S10xx Appliance Support	U4D32E	\$1,222.00		•						
HP 5 year Next business day Proactive Care S2xx Appliance Service	U2Q13E	\$1,372.00	•							
HP 5 year Support Plus 24 ProCurve S2xx Appliance Service	UW122E	\$1,391.00	•							
HP 4 year 4 hour 24x7 Proactive Care S2xx Appliance Service	U2Q15E	\$1,591.00	•							
HP 3 year 6 hour Call to Repair Proactive Care S2xx Appliance Service	U2Q17E	\$1,639.00	•							
HP 1 year Next business day Exchange Plus HP F1000 VPN Firewall Appliance Support	U4D24E	\$1,831.00		•						
HP 5 year 4 hour 24x7 Proactive Care S2xx Appliance Service	U2Q16E	\$1,957.00	•							
HP 4 year 6 hour Call to Repair Proactive Care S2xx Appliance Service	U2Q18E	\$2,155.00	•							
HP 1 year 4-Hour Exchange Plus HP S10xx Appliance Support	U0T09E	\$2,237.00		•						
HP 5 year 6 hour Call to Repair Proactive Care S2xx Appliance Service	U2Q19E	\$2,649.00	•							
HP 1 year Support Plus24 Networks S10xx Appliance Service	HR697E	\$2,723.00		•						
HP 1 year 4-Hour Exchange Plus HPF1000 VPN Firewall Appliance Support	U0T01E	\$2,915.00		•						
HP 1 year Support Plus24 F1000 VPN Firewall Appliance Service	HT124E	\$3,435.00		•						
HP 1 year Post Warranty Support Plus24 Networks S10xx Appliance Service	HP935PE	\$3,542.00		•						
HP 3 year Next business day Exchange Plus HP S10xx Appliance Support	U4D83E	\$3,556.00		•						
HP 4 year Next business day Exchange Plus HP S10xx Appliance Support	U4E34E	\$4,657.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F5000 Firewall Service	U4N55PE	\$4,725.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F1000 VPN Firewall Appliance Service	U4N79PE	\$4,987.00		•						
HP 3 year Next business day Exchange Plus HP F1000 VPN Firewall Appliance Support	U4D75E	\$5,328.00		•						
HP 5 year Next business day Exchange Plus HP S10xx Appliance Support	U0S58E	\$5,709.00		•						
HP 3 year 4-Hour Exchange Plus HP S10xx Appliance Support	U0T60E	\$6,509.00		•						
HP 1 year Next business day Exchange Plus HP F5000 Firewall Support	U4D25E	\$6,671.00		•						
HP 4 year Next business day Exchange Plus HP F1000 VPN Firewall Appliance Support	U4E26E	\$6,977.00		•						
HP 3 year Next business day Proactive Care S10xx Appliance Service	U2Q02E	\$8,289.00		•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP 3 year 4-Hour Exchange Plus HP F1000 VPN Firewall Appliance Support	U0T52E	\$8,484.00		•						
HP 3 year Support Plus 24 ProCurve S10xx Appliance Service	UW104E	\$8,512.00		•						
HP 4 year 4-Hour Exchange Plus HP S10xx Appliance Support	U0U11E	\$8,523.00		•						
HP 5 year Next business day Exchange Plus HP F1000 VPN Firewall Appliance Support	U0S50E	\$8,554.00		•						
HP 5 year 4-Hour Exchange Plus HP S10xx Appliance Support	U0U62E	\$10,449.00		•						
HP 3 year Support Plus24 F1000 VPN Firewall Appliance Service	HT133E	\$10,626.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F5000 Firewall Service	U4N56PE	\$10,665.00		•						
HP 1 year 4-Hour Exchange Plus HP F5000 Firewall Support	U0T02E	\$10,687.00		•						
HP 3 year Next business day Proactive Care F1000 VPN Firewall Appliance Service	U2U16E	\$10,841.00		•						
HP 4 year Next business day Proactive Care S10xx Appliance Service	U2Q03E	\$10,949.00		•						
HP 4 year 4-Hour Exchange Plus HP F1000 VPN Firewall Appliance Support	U0U03E	\$11,110.00		•						
HP 4 year Support Plus 24 ProCurve S10xx Appliance Service	UW105E	\$11,241.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F5000 Firewall Service	U4N57PE	\$11,880.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F5000 Firewall Service	U4N59PE	\$11,880.00		•						
HP 3 year 4 hour 24x7 Proactive Care S10xx Appliance Service	U2Q05E	\$12,060.00		•						
HP 1 year Support Plus24 F5000 Firewall Appliance Service	HT157E	\$12,611.00		•						
HP 5 year Next business day Proactive Care S10xx Appliance Service	U2Q04E	\$13,491.00		•						
HP 5 year 4-Hour Exchange Plus HPF1000 VPN Firewall Appliance Support	U0U54E	\$13,621.00		•						
HP 5 year Support Plus 24 ProCurve S10xx Appliance Service	UW106E	\$13,850.00		•						
HP 4 year Support Plus24 F1000 VPN Firewall Appliance Service	HT141E	\$14,015.00		•						
HP 4 year Next business day Proactive Care F1000 VPN Firewall Appliance Service	U2U17E	\$14,297.00		•						
HP 3 year 4 hour 24x7 Proactive Care F1000 VPN Firewall Appliance Service	U2U19E	\$14,872.00		•						
HP 4 year 4 hour 24x7 Proactive Care S10xx Appliance Service	U2Q06E	\$15,887.00		•						
HP 3 year 6 hour Call to Repair Proactive Care S10xx Appliance Service	U2Q08E	\$16,526.00		•						
HP 5 year Support Plus24 F1000 VPN Firewall Appliance Service	HT149E	\$17,256.00		•						
HP 5 year Next business day Proactive Care F1000 VPN Firewall Appliance Service	U2U18E	\$17,601.00		•						

Quick Reference Compatibility Guide

Look here for a listing of all accessory, supply and essential CarePacks available for your base HP products

Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP 1 year Post Warranty Next business day Exchange Networks HP F5000 Firewall Service	U4N58PE	\$17,956.00		•						
HP 3 year Next business day Exchange Plus HP F5000 Firewall Support	U4D76E	\$19,411.00		•						
HP 5 year 4 hour 24x7 Proactive Care S10xx Appliance Service	U2Q07E	\$19,546.00		•						
HP 4 year 4 hour 24x7 Proactive Care F1000 VPN Firewall Appliance Service	U2U20E	\$19,576.00		•						
HP 3 year 6 hour Call to Repair Proactive Care F1000 VPN Firewall Appliance Service	U2U22E	\$19,646.00		•						
HP 4 year 6 hour Call to Repair Proactive Care S10xx Appliance Service	U2Q09E	\$21,735.00		•						
HP 5 year 4 hour 24x7 Proactive Care F1000 VPN Firewall Appliance Service	U2U21E	\$24,073.00		•						
HP 5 year Next business day Exchange Plus HP F5000 Firewall Support	U0S51E	\$25,419.00		•						
HP 4 year 6 hour Call to Repair Proactive Care F1000 VPN Firewall Appliance Service	U2U23E	\$25,828.00		•						
HP 5 year 6 hour Call to Repair Proactive Care S10xx Appliance Service	U2Q10E	\$26,716.00		•						
HP 4 year Next business day Exchange Plus HP F5000 Firewall Support	U4E27E	\$31,099.00		•						
HP 3 year 4-Hour Exchange Plus HP F5000 Firewall Support	U0T53E	\$31,164.00		•						
HP 5 year 6 hour Call to Repair Proactive Care F1000 VPN Firewall Appliance Service	U2U24E	\$31,738.00		•						
HP 3 year Support Plus24 F5000 Firewall Appliance Service	HT166E	\$39,030.00		•						
HP 3 year Next business day Proactive Care F5000 Firewall Appliance Service	U2T80E	\$39,305.00		•						
HP 4 year 4-Hour Exchange Plus HP F5000 Firewall Support	U0U04E	\$40,725.00		•						
HP 5 year 4-Hour Exchange Plus HP F5000 Firewall Support	U0U55E	\$49,927.00		•						
HP 4 year Support Plus24 F5000 Firewall Appliance Service	HT174E	\$51,483.00		•						
HP 4 year Next business day Proactive Care F5000 Firewall Appliance Service	U2T81E	\$51,843.00		•						
HP 3 year 4 hour 24x7 Proactive Care F5000 Firewall Appliance Service	U2T83E	\$54,234.00		•						
HP 5 year Support Plus24 F5000 Firewall Appliance Service	HT182E	\$63,389.00		•						
HP 5 year Next business day Proactive Care F5000 Firewall Appliance Service	U2T82E	\$63,830.00		•						
HP 4 year 4 hour 24x7 Proactive Care F5000 Firewall Appliance Service	U2T84E	\$71,392.00		•						
HP 3 year 6 hour Call to Repair Proactive Care F5000 Firewall Appliance Service	U2T86E	\$71,912.00		•						
HP 5 year 4 hour 24x7 Proactive Care F5000 Firewall Appliance Service	U2T85E	\$87,797.00		•						
HP 4 year 6 hour Call to Repair Proactive Care F5000 Firewall Appliance Service	U2T87E	\$94,543.00		•						

Quick Reference Compatibility Guide

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Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP 5 year 6 hour Call to Repair Proactive Care F5000 Firewall Appliance Service	U2T88E	\$116,179.00		•						
Hardware Support Services										
HP 1 year Post Warranty Next business day Exchange Networks HP S2xx Appliance products Service	U4F41PE	\$115.00	•							
HP 1 year Post Warranty Next Business Day Exchange Networks S2xx Appliance Hardware Support	HP936PE	\$213.00	•							
HP 1 year 4 hour 13x5 Networks S2xx Appliance Hardware Support	HR700E	\$230.00	•							
HP 1 year Post Warranty 4 hour 13x5 Networks S2xx Appliance Hardware Support	HP937PE	\$260.00	•							
HP 1 year 4 hour 24x7 Networks S2xx Appliance Hardware Support	HR701E	\$260.00	•							
HP 1 year Post Warranty 4 hour 24x7 Networks S2xx Appliance Hardware Support	HP938PE	\$290.00	•							
HP 3 year Next business day Exchange ProCurve S2xx Appliance Hardware Support	UW113E	\$335.00	•							
HP 1 year 6 hour Call to Repair Networks S2xx Appliance Hardware Support	HR704E	\$408.00	•							
HP 1 year Post Warranty 6 hour Call to Repair Networks S2xx Appliance Hardware Support	HP939PE	\$438.00	•							
HP 3 year 4 hour 13x5 ProCurve S2xx Appliance Hardware Support	UW114E	\$728.00	•							
HP 3 year 4 hour 24x7 ProCurve S2xx Appliance Hardware Support	UW117E	\$814.00	•							
HP 4 year 4 hour 13x5 ProCurve S2xx Appliance Hardware Support	UW115E	\$962.00	•							
HP 4 year 4 hour 24x7 ProCurve S2xx Appliance Hardware Support	UW118E	\$1,075.00	•							
HP 5 year 4 hour 13x5 ProCurve S2xx Appliance Hardware Support	UW116E	\$1,186.00	•							
HP 1 year Post Warranty Next business day Exchange Networks HP S10xx Appliance products Service	U4F40PE	\$1,194.00		•						
HP 3 year 6 hour CTR ProCurve S2xx Appliance Hardware Support	UW126E	\$1,245.00	•							
HP 1 year Post Warranty Next business day Exchange Networks HP F1000 VPN Firewall Appliance Service	U4N75PE	\$1,276.00		•						
HP 5 year 4 hour 24x7 ProCurve S2xx Appliance Hardware Support	UW119E	\$1,324.00	•							
HP 4 year 6 hour CTR ProCurve S2xx Appliance Hardware Support	UW127E	\$1,640.00	•							
HP 5 year 6 hour CTR ProCurve S2xx Appliance Hardware Support	UW128E	\$2,017.00	•							
HP 1 year Post Warranty Next Business Day Exchange Networks S10xx Appliance Hardware Support	HP931PE	\$2,208.00		•						
HP 1 year 4 hour 13x5 Networks S10xx Appliance Hardware Support	HR695E	\$2,387.00		•						

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Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP 1 year 4 hour 13x5 F1000 VPN Firewall Appliance Hardware Support	HT117E	\$2,552.00		•						
HP 1 year Post Warranty 4 hour 13x5 Networks S10xx Appliance Hardware Support	HP932PE	\$2,694.00		•						
HP 1 year 4 hour 24x7 Networks S10xx Appliance Hardware Support	HR696E	\$2,694.00		•						
HP 1 year 4 hour 24x7 F1000 VPN Firewall Appliance Hardware Support	HT119E	\$2,880.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F1000 VPN Firewall Appliance Service	U4N76PE	\$2,880.00		•						
HP 1 year Post Warranty 4 hour 24x7 Networks S10xx Appliance Hardware Support	HP933PE	\$3,001.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F1000 VPN Firewall Appliance Service	U4N77PE	\$3,208.00		•						
HP 3 year Next business day Exchange ProCurve S10xx Appliance Hardware Support	UW097E	\$3,473.00		•						
HP 3 year Next Business Day Exchange F1000 VPN Firewall Appliance Hardware Support	HT125E	\$3,713.00		•						
HP 1 year 6 hour Call to Repair Networks S10xx Appliance Hardware Support	HR699E	\$4,229.00		•						
HP 1 year 6 hour Call to Repair F1000 VPN Firewall Appliance Hardware Support	HT121E	\$4,521.00		•						
HP 1 year Post Warranty 6 hour Call to Repair Networks S10xx Appliance Hardware Support	HP934PE	\$4,536.00		•						
HP 1 year Post Warranty Next business day Exchange Networks HP F1000 VPN Firewall Appliance Service	U4N78PE	\$4,849.00		•						
HP 3 year 4 hour 13x5 ProCurve S10xx Appliance Hardware Support	UW098E	\$7,536.00		•						
HP 3 year 4 hour 13x5 F1000 VPN Firewall Appliance Hardware Support	HT126E	\$8,056.00		•						
HP 3 year 4 hour 24x7 ProCurve S10xx Appliance Hardware Support	UW101E	\$8,430.00		•						
HP 3 year 4 hour 24x7 F1000 VPN Firewall Appliance Hardware Support	HT128E	\$9,011.00		•						
HP 1 year 4 hour 13x5 F5000 Firewall Appliance Hardware Support	HT150E	\$9,450.00		•						
HP 4 year 4 hour 13x5 ProCurve S10xx Appliance Hardware Support	UW099E	\$9,963.00		•						
HP 4 year 4 hour 13x5 F1000 VPN Firewall Appliance Hardware Support	HT134E	\$10,650.00		•						
HP 1 year 4 hour 24x7 F5000 Firewall Appliance Hardware Support	HT152E	\$10,665.00		•						
HP 4 year 4 hour 24x7 ProCurve S10xx Appliance Hardware Support	UW102E	\$11,133.00		•						
HP 4 year 4 hour 24x7 F1000 VPN Firewall Appliance Hardware Support	HT136E	\$11,901.00		•						
HP 5 year 4 hour 13x5 ProCurve S10xx Appliance Hardware Support	UW100E	\$12,283.00		•						
HP 3 year 6 hour CTR ProCurve S10xx Appliance Hardware Support	UW110E	\$12,895.00		•						

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Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP 5 year 4 hour 13x5 F1000 VPN Firewall Appliance Hardware Support	HT142E	\$13,130.00		•						
HP 5 year 4 hour 24x7 ProCurve S10xx Appliance Hardware Support	UW103E	\$13,717.00		•						
HP 3 year Next business day Exchange F5000 Firewall Appliance Hardware Support	HT158E	\$13,750.00		•						
HP 3 year 6 hour Call to Repair F1000 VPN Firewall Appliance Hardware Support	HT130E	\$13,785.00		•						
HP 5 year 4 hour 24x7 F1000 VPN Firewall Appliance Hardware Support	HT144E	\$14,663.00		•						
HP 1 year 6 hour Call to Repair F5000 Firewall Appliance Hardware Support	HT154E	\$16,741.00		•						
HP 4 year 6 hour CTR ProCurve S10xx Appliance Hardware Support	UW111E	\$16,981.00		•						
HP 4 year 6 hour Call to Repair F1000 VPN Firewall Appliance Hardware Support	HT138E	\$18,152.00		•						
HP 5 year 6 hour CTR ProCurve S10xx Appliance Hardware Support	UW112E	\$20,887.00		•						
HP 5 year 6 hour Call to Repair F1000 VPN Firewall Appliance Hardware Support	HT146E	\$22,327.00		•						
HP 3 year 4 hour 13x5 F5000 Firewall Appliance Hardware Support	HT159E	\$29,834.00		•						
HP 3 year 4 hour 24x7 F5000 Firewall Appliance Hardware Support	HT161E	\$33,369.00		•						
HP 4 year 4 hour 13x5 F5000 Firewall Appliance Hardware Support	HT167E	\$39,440.00		•						
HP 4 year 4 hour 24x7 F5000 Firewall Appliance Hardware Support	HT169E	\$44,070.00		•						
HP 5 year 4 hour 13x5 F5000 Firewall Appliance Hardware Support	HT175E	\$48,624.00		•						
HP 3 year 6 hour Call to Repair F5000 Firewall Appliance Hardware Support	HT163E	\$51,048.00		•						
HP 5 year 4 hour 24x7 F5000 Firewall Appliance Hardware Support	HT177E	\$54,301.00		•						
HP 4 year 6 hour Call to Repair F5000 Firewall Appliance Hardware Support	HT171E	\$67,221.00		•						
HP 5 year 6 hour Call to Repair F5000 Firewall Appliance Hardware Support	HT179E	\$82,683.00		•						
Software Support Services										
HP 1 year Networks S2xx Appliance Software Support	HR703E	\$14.00	•							
HP 1 year Networks S10xx Appliance Software Support	HR698E	\$28.00		•						
HP 3 year 24x7 ProCurve S2xx Appliance Software Support	UW123E	\$41.00	•							
HP 4 year 24x7 ProCurve S2xx Appliance Software Support	UW124E	\$54.00	•							
HP 5 year 24x7 ProCurve S2xx Appliance Software Support	UW125E	\$66.00	•							
HP 3 year 24x7 ProCurve S10xx Appliance Software Support	UW107E	\$83.00		•						

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Product options	Part number	lp	HP 200 Unified Threat Management (UTM) Appliance Series	HP Firewall Series	HP S Intrusion Prevention System (IPS) Core Controller Appliance Series	HP S Intrusion Prevention System (IPS) E Series	HP S Intrusion Prevention System (IPS) N Series	HP S Intrusion Prevention System (IPS) Series	HP S Intrusion Prevention System (IPS) Virtual Controller Series	HP S1500 SSL Appliance Series
HP 4 year 24x7 ProCurve S10xx Appliance Software Support	UW108E	\$108.00		•						
HP 5 year 24x7 ProCurve S10xx Appliance Software Support	UW109E	\$133.00		•						
HP 1 year 24x7 F1000 VPN Firewall Appliance Software Support	HT123E	\$555.00		•						
HP 3 year 24x7 F1000 VPN Firewall Appliance Software Support	HT132E	\$1,615.00		•						
HP 1 year 24x7 F5000 Firewall Appliance Software Support	HT156E	\$1,945.00		•						
HP 4 year 24x7 F1000 VPN Firewall Appliance Software Support	HT140E	\$2,115.00		•						
HP 5 year 24x7 F1000 VPN Firewall Appliance Software Support	HT148E	\$2,593.00		•						
HP 3 year 24x7 F5000 Firewall Appliance Software Support	HT165E	\$5,661.00		•						
HP 4 year 24x7 F5000 Firewall Appliance Software Support	HT173E	\$7,413.00		•						
HP 5 year 24x7 F5000 Firewall Appliance Software Support	HT181E	\$9,088.00		•						

Please refer to the following Warranty Codes to see what HP warranty coverage is valid to the product you are interested in

Warranty code	Warranty period	Service location	Service level	Response time	Installation included	Upgrade Eligibility (Note 2)	Applicable note(s)
3U	90 Days	HP	Replacement		No	No	4,6,16
4G	1 Year	On Site		Next Day	No	No	1
4H	1 Year	HP/Dealer	Exchange	Next Day	No	No	7
4U	1 Year	HP/Dealer	Exchange		No	Yes	7
60	90 Days	HP/Dealer	Replacement		No	Yes	16
7R	3 Years	HP/Dealer	Exchange	Next Day	No	Yes	7
8J	5 Years	HP/Dealer	Exchange	Next Day	No	Yes	7
9R	Lifetime	HP/Dealer	Exchange	Next Day	No	Yes	7
NA	No warranty is provided for this product.						

1) Responses are based on local standard business days and working hours. Unless otherwise stated, all responses are measured from the time the Customer calls until HP has either established a mutually acceptable time for support to be performed, or HP has begun to provide On Site support or remote diagnostics. See paragraph 6 entitled "Response Times" for more terms and conditions about response times within HP travel zones.

4) Warranty service is limited to repair or replacement of defective Software media or materials only.

6) HP does not support products manufactured by another company and distributed by Hewlett-Packard. The original product manufacturer provides support. Software warranty services from HP are limited to replacement of defective Software media or materials. Customer should contact and/or register with the product manufacturer to receive any additional warranty and support coverage information that may be available.

7) Unit Exchange warranty may return to the Customer a repaired exchange unit or their original product repaired to HP standards.

16) The item is warranted against manufacturing defects in material or workmanship only.

