Key features

- Enhanced WLAN architecture reduces LAN traffic
- IEEE 802.11n capable
- Rock-solid WLAN security

Datasheet

NEW HP ProCurve MultiService Controller Series

Working with HP ProCurve MultiService Mobility Access Points, HP ProCurve MultiService Mobility Controllers deliver a high-performance networking solution. The enhanced architecture scales from IEEE 802.11b to 802.11n without expensive controller upgrades. Robust identity and roles-based user account profiles, as well as Virtual Service Communities (VSCs) with independently configurable Quality of Service (QoS), authentication, encryption, and VLAN support, deliver intelligence to the edge of the network. Scalable from branch offices to large organizations, the controllers deliver fast-roaming and ultraspeed hand-offs. Wireless security is rock solid with support for the internal and external authentication, authorization, and accounting (AAA) servers, built-in stateful firewall, per-user VLAN mapping, and mutual controller/access point (AP) authentication.

HP ProCurve MultiService Controller Series

Features and benefits

Mobility

- **Solutions enhanced for businesses:** The ProCurve MSM700 Controller Series delivers services for healthcare, hospitality, education, manufacturing, transportation, and service providers.

- **Powerful security capabilities:** Robust, identity- and roles-based user account profiles use embedded or external AAA services.

- **Simplified management with central control:** The ProCurve MSM700 Controller Series reduces the time and complexity of managing a wireless network. The solutions control hundreds of APs from a single management interface and help ensure that a consistent set of services is delivered throughout the wireless network. Pushing authentication, encryption, QoS enforcement, and access policies to the access points delivers the intelligence to the edge of your mobile network.

- **Capacity that scales from small office to enterprise campus:** Efficiently deploy wireless LAN (WLAN) capacity with the MSM710 controller, which controls 10 APs, the MSM730 controller, which controls 40 APs, and the MSM750 controller, which controls 200 APs—all with the ability to interconnect in mobility clusters.

- **Solutions that cover the most important WLAN applications:** The MSM700 controller series and the rest of the ProCurve MultiService Mobility Solution deliver rich application support, including guest access, location-based services, Voice over Wi-Fi (VoWi-Fi), hotspot, surveillance, and secure point of sale.

Warranty and support

- **Warranty:** one-year hardware limited warranty with next-business-day advance replacement (available in most countries); warranty extensions are available

- **Electronic and telephone support:** limited electronic and telephone support is available from HP. Refer to the HP Web site at **www.procurve.eu/support** for details on the support provided and the period during which support is available.

- **Software releases:** refer to the HP Web site at **www.procurve.eu/support** for details on the software releases provided and the period during which software releases are available.

HP ProCurve MultiService Controller Series

Specifications

	HP ProCurve MSM710 Mobility Controller (J9325A)	HP ProCurve MSM730 Mobility Controller (J9326A)	HP ProCurve MSM750 Mobility Controller (J9327A)
Ports	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 1 RS-232C DB-9 console port	1 RS-232C DB-9 console port 2 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX) Duplex: half or full	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 1 RJ-45 serial console port
Physical characteristics			
Dimensions (D x W x H)	19.05 x 25.4 x 4.42 cm (7.5 x 10 x 1.74 in.)	36.0 x 42.8 x 4.4 cm (14.17 x 16.85 x 1.73 in.)	43.7 x 42.8 x 4.4 cm (17.2 x 16.85 x 1.73 in.) (1U height)
Weight	2.72 kg (6 lb.)	9.8 kg (21.61 lb.)	16 kg (35.27 lb.)
Mounting	1U rack mountable with HP ProCurve MSM710 Controller Rack Mounting Kit (J9404A)	1U rack mount	1U rack mount
Environment			
Operating temperature	5°C to 50°C (41°F to 122°F)	0°C to 50°C (32°F to 122°F)	5°C to 50°C (41°F to 122°F)
Operating relative humidity	20% to 90%, non-condensing	20% to 90%, non-condensing	20% to 90%, non-condensing
Non-operating/Storage temperature	–40°C to 80°C (–40°F to 176°F)	0°C to 70°C (32°F to 158°F)	–40°C to 70°C (–40°F to 158°F)
Non-operating/Storage relative humidity	5% to 95%, non-condensing	5% to 95%, non-condensing	5% to 95%, non-condensing
Electrical characteristics			
Description	IEEE 802.3af PoE compliant, or 48 VDC input from included AC power supply		
Voltage	100–240 VAC	100–240 VAC	100240 VAC
Current	0.2 A/0.1 A	1.0 A/0.4 A	1.0 A/0.4 A
Power consumption	6 W	100 W	100 W
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Safety	UL 60950-1	UL 60950-1	UL 60950-1
Emissions	FCC part 15 Class A; EN 55022 Class A; CISPR 22 Class A; EN 55024; ICES-003; AS/NZS 3548 Class A	FCC part 15 Class A; EN 55022 Class A; CISPR 22 Class A; EN 55024; ICES-003; AS/NZS 3548 Class A	FCC part 15 Class A; EN 55022 Class A; CISPR 22 Class A; EN 55024; ICES-003; AS/NZS 3548 Class A
Notes	Supports up to 10 IEEE 802.11a/b/g/n MSM Access Points Supports up to 100 simultaneous guest access users Provides the following services · WLAN management · Guest access · Secure tunneling with available license · Credit card processing with available license · Ultraspeed roaming	Supports up to 40 IEEE 802.11a/b/g/n MSM Access Points Supports up to 500 simultaneous guest access users Provides the following services · WLAN management · Guest access · Secure tunneling with available license · Credit card processing with available license · Ultraspeed roaming	Supports up to 200 IEEE 802.11a/b/g/n MSM Access Points Supports up to 2,000 simultaneous guest access users Provides the following services · WLAN management · Guest access · Secure tunneling with available license · Credit card processing with available license · Ultraspeed roaming
Services	3-year, parts only, global next-day advance exchange (UN535E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UN536E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UN537E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UN538E) 1-year post-warranty next-bus. day exchange (UN539PE) 1-year post-warranty 4-hour response, 13x5 onsite support (UN540PE) 1-year post-warranty 4-hour response, 24x7 onsite hardware support (UN541PE) 1-year post-warranty hardware and software 24x7 phone support (UN542PE)	3-year, parts only, global next-day advance exchange (UM497E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UM498E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UM499E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UM500E) 1-year post-warranty next-bus. day exchange (UM501PE) 1-year post-warranty 4-hour response, 13x5 onsite support (UM502PE) 1-year post-warranty 4-hour response, 24x7 onsite hardware support (UM503PE) 1-year post-warranty hardware and software 24x7 phone support (UM504PE)	3-year, parts only, global next-day advance exchange (UM457E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UM458E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UM459E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UM460E) 1-year post-warranty next-bus. day exchange (UM461PE) 1-year post-warranty 4-hour response, 13x5 onsite support (UM462PE) 1-year post-warranty 4-hour response, 24x7 onsite hardware support (UM463PE) 1-year post-warranty hardware and software 24x7 phone support (UM464PE)
	Refer to the HP Web site at www.procurve.eu/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP Web site at www.procurve.eu/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP Web site at www.procurve.eu/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP ProCurve MultiService Controller Series

Specifications

	HP ProCurve MSM710 Access Controller (J9328A)	HP ProCurve MSM730 Access Controller (J9329A)	HP ProCurve MSM750 Access Controller (J9330A)
Ports	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 half or full; 1000Base-T: full only 1 RS-232C DB-9 console port	1 RS-232C DB-9 console port 2 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX) Duplex: half or full	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 1 RJ-45 serial console port
Physical characteristics			
Dimensions (D x W x H)	19.1 x 25.4 x 4.4 cm (7.52 x 10 x 1.73 in.)	36.0 x 42.8 x 4.4 cm (14.17 x 16.85 x 1.73 in.)	43.7 x 42.8 x 4.4 cm (17.2 x 16.85 x 1.73 in.) (1U height)
Weight	2.72 kg (6 lb.)	9.8 kg. (21.61 lb)	16 kg (35.27 lb.)
Mounting	1U rack mountable with HP ProCurve MSM710 Controller Rack Mounting Kit (J9404A)	1U rack mount	1U rack mount
Environment			
Operating temperature	5°C to 50°C (41°F to 122°F)	0°C to 50°C (32°F to 122°F)	5°C to 50°C (41°F to 122°F)
Operating relative humidity	20% to 90%, non-condensing	20% to 90%, non-condensing	20% to 90%, non-condensing
Non-operating/Storage temperature	–40°C to 80°C (–40°F to 176°F)	0°C to 70°C (32°F to 158°F)	–40°C to 70°C (–40°F to 158°F)
Non-operating/Storage relative humidity	5% to 95%, non-condensing	5% to 95%, non-condensing	5% to 95%, non-condensing
Electrical characteristics			
Description	IEEE 802.3af PoE compliant, or 48 VDC input from included AC power supply		
Voltage	100–240 VAC	100–240 VAC	100240 VAC
Current	0.2 A/0.1 A	1.0 A/0.4 A	1.0 A/0.4 A
Power consumption	6 W	100 W	100 W
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Safety	UL 60950-1	UL 60950-1	UL 60950-1
Emissions	FCC part 15 Class A; EN 55022 Class A; CISPR 22 Class A; EN 55024; ICES-003; AS/NZS 3548 Class A	FCC part 15 Class A; EN 55022 Class A; CISPR 22 Class A; EN 55024; ICES-003; AS/NZS 3548 Class A	FCC part 15 Class A; EN 55022 Class A; CISPR 22 Class A; EN 55024; ICES-003; AS/NZS 3548 Class A
Notes	Supports up to 10 IEEE 802.11a/b/g/n MSM Access Points Supports up to 100 simultaneous guest access users Provides the following services • WLAN management • Guest access • Secure tunneling with available license • Credit card processing with available license	Supports up to 40 IEEE 802.11a/b/g/n MSM Access Points Supports up to 500 simultaneous guest access users Provides the following services • WLAN management • Guest access • Secure tunneling with available license • Credit card processing with available license	Supports up to 200 IEEE 802.11a/b/g/n MSM Access Points Supports up to 2,000 simultaneous guest access users Provides the following services • WLAN management • Guest access • Secure tunneling with available license • Credit card processing with available license
Services	3-year, 4-hour onsite, 13x5 coverage for hardware (UN639E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UN640E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UN641E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UN642E) 1-year post-warranty next-bus. day exchange (UN643PE) 1-year post-warranty 4-hour response, 13x5 onsite support (UN644PE) 1-year post-warranty 4-hour response, 24x7 onsite hardware support (UN645PE) 1-year post-warranty hardware and software 24x7 phone support (UN646PE)	3-year, parts only, global next-day advance exchange (UM505E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UM506E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UM507E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UM508E) 1-year post-warranty next-bus. day exchange (UM509PE) 1-year post-warranty 4-hour response, 13x5 onsite support (UM510PE) 1-year post-warranty 4-hour response, 24x7 onsite hardware support (UN525PE) 1-year post-warranty hardware and software 24x7 phone support (UN526PE)	3-year, parts only, global next-day advance exchange (UM473E) 3-year, 4-hour onsite, 13x5 coverage for hardware (UM474E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UM475E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UM476E) 1-year post-warranty next-bus. day exchange (UM477PE) 1-year post-warranty 4-hour response, 13x5 onsite support (UM478PE) 1-year post-warranty 4-hour response, 24x7 onsite hardware support (UM479PE) 1-year post-warranty hardware and software 24x7 phone support (UM480PE)
	Refer to the HP Web site at www.procurve.eu/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP Web site at www.procurve.com/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP Web site at www.procurve.com/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

HP ProCurve | Network of Choice

HP ProCurve MultiService Controller Series

HP ProCurve MultiService Controller Series accessories

HP ProCurve MSM710 Mobility Controller (J9325A)

HP ProCurve MSM710 Controller Rack Mounting Kit (J9404A)

HP ProCurve MSM710 Credit Card support license (J9375A)

HP ProCurve MSM710 secure tunneling license (J9431A)

HP ProCurve 1-Port Power Injector (J9407A)

HP ProCurve MSM730 Mobility Controller (J9326A)

HP ProCurve MSM730 Credit Card support license (J9376A)

HP ProCurve MSM730 secure tunneling license (J9432A)

HP ProCurve MSM730/750 tunneling license—25-session upgrade (J9434A)

HP ProCurve MSM750 Mobility Controller (J9327A)

HP ProCurve MSM750 Credit Card support license (J9377A)

HP ProCurve MSM750 secure tunneling license (J9433A)

HP ProCurve MSM730/750 tunneling license—25-session upgrade (J9434A)

HP ProCurve MSM710 Access Controller (J9328A)

HP ProCurve MSM710 Controller Rack Mounting Kit (J9404A)

HP ProCurve MSM710 Mobility Services upgrade (J9331A)

HP ProCurve MSM710 Credit Card support license (J9375A)

HP ProCurve MSM710 secure tunneling license (J9431A)

HP ProCurve 1-Port Power Injector (J9407A)

HP ProCurve MSM730 Access Controller (J9329A)

HP ProCurve MSM730 Mobility Services upgrade (J9332A)

HP ProCurve MSM730 Credit Card support license (J9376A)

HP ProCurve MSM730 secure tunneling license (J9432A)

HP ProCurve MSM730/750 tunneling license—25-session upgrade (J9434A)

HP ProCurve MSM750 Access Controller (J9330A)

HP ProCurve MSM750 Mobility Services upgrade (J9333A)

HP ProCurve MSM750 Credit Card support license (J9377A)

HP ProCurve MSM750 secure tunneling license (J9433A)

HP ProCurve MSM730/750 tunneling license—25-session upgrade (J9434A)

HP ProCurve MultiService Controller Series

HP ProCurve MultiService Controller Series

For more information

To learn more about HP ProCurve Networking, please visit **ProCurve.eu**

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