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Overview

HPE FlexNetwork 5130 HI Series switches deliver scalability and resiliency at the access layer of medium and large enterprise campus networks. This JH325A has 24x 10/100/1000 PoE+ ports and 4x GbE SFP slots and 2x 10GbE SFP+ slots. At the back of the unit, is an empty module slot supporting two choices of expansion module, either 2 port 1/10GBASE T module or 2 port SFP+ ports.

Quick Spec

Figure 1 shows the appearance of HPE JH325A.

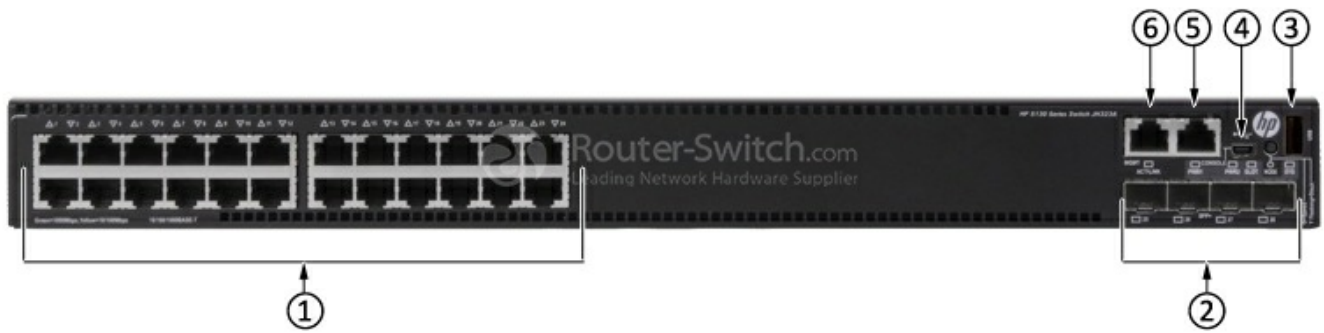


Table 1 shows the quick spec.

Product Code	JH325A
Type	HPE 5130 24G PoE+ 4SFP+ HI with 1 Interface Slot Switch
Ports	24 RJ-45 autosensing 10/100/1000 PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3at PoE+); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only; Ports 1 - 8 support MACSec 4 SFP+ 10GbE ports 1 port expansion module slot Supports a maximum of 6 SFP+ ports or 2 1/10GBASE-T ports, with optional module
Memory and processor	2 GB SDRAM; Packet buffer size: 4 MB, 512 MB flash
Mounting	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware include
Performance	1000 Mb Latency: < 5 μ s 10 Gbps Latency: < 3 μ s Throughput: up to 154.8 Mpps Routing/Switching capacity: 208 Gbps Routing table size: 32768 entries (IPv4), 16384 entries (IPv6) MAC address table size: 32768 entries
Dimensions	4.37 x 43.99 x 46 cm (1.72 x 17.32 x 18.11 in) (1U height)
Weight	12.5 kg (27.56 lb)

Product Details

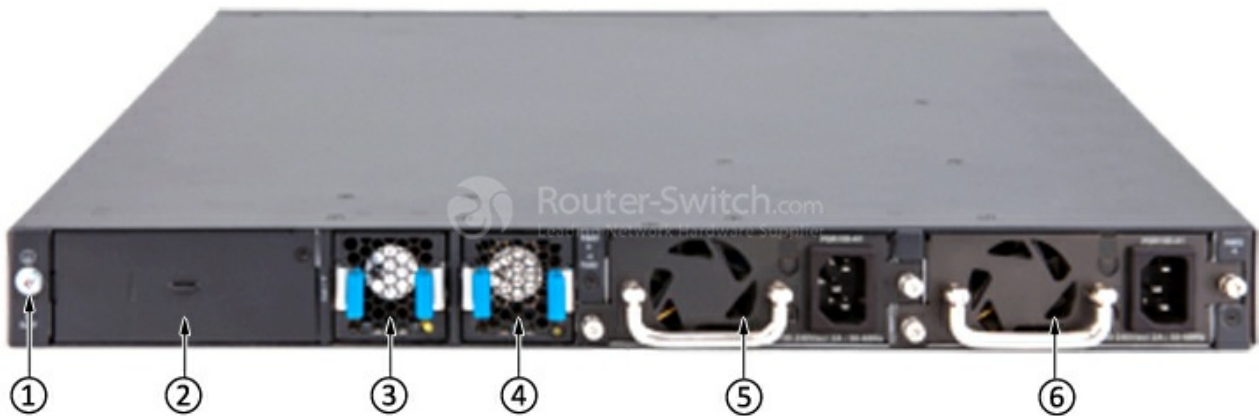
Figure 2 shows the front panel of HPE JH325A.



Note:

(1)	24 x 10/100/1000Base-T autosensing Ethernet PoE port
(2)	4 x 1000Base-X SFP port
(3)	USB port
(4)	Mini USB console port
(5)	Console port (CONSOLE)
(6)	Management Ethernet port

Figure 3 shows the back panel of HPE JH325A.



Note:

(1)	Grounding screw
(2)	Interface card (optional)
(3)	Fan tray 1
(4)	Fan tray 2
(5)	Power supply 1
(6)	Power supply 2 (optional)

Compare to Similar Items

Table 2 shows the comparison.

Product Code	JH323A	JH324A	JH325A	JH326A
Type	HPE 5130 24G 4SFP+ HI with 1 Interface Slot Switch	HPE 5130 48G 4SFP+ HI with 1 Interface Slot Switch	HPE 5130 24G PoE+ 4SFP+ HI with 1 Interface Slot Switch	HPE 5130 48G PoE+ 4SFP+ HI with 1 Interface Slot Switch
Memory and processor	2 GB SDRAM; Packet buffer size: 4 MB, 512 MB flash	2 GB SDRAM; Packet buffer size: 4 MB, 512 MB flash	2 GB SDRAM; Packet buffer size: 4 MB, 512 MB flash	2 GB SDRAM; Packet buffer size: 4 MB, 512 MB flash
Mounting	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware include)	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware include)	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware include)	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware include)
Performance	1000 Mb Latency: < 5 μ s 10 Gbps Latency: < 3 μ s Throughput: up to 154.8 Mpps Routing/Switching capacity: 208 Gbps Routing table size: 32768 entries (IPv4), 16384 entries (IPv6) MAC address table size: 32768 entries	1000 Mb Latency: < 5 μ s 10 Gbps Latency: < 3 μ s Throughput: up to 190.5 Mpps Routing/Switching capacity: 256 Gbps Routing table size: 32768 entries (IPv4), 16384 entries (IPv6) MAC address table size: 32768 entries	1000 Mb Latency: < 5 μ s 10 Gbps Latency: < 3 μ s Throughput: up to 154.8 Mpps Routing/Switching capacity: 208 Gbps Routing table size: 32768 entries (IPv4), 16384 entries (IPv6) MAC address table size: 32768 entries	1000 Mb Latency: < 5 μ s 10 Gbps Latency: < 3 μ s Throughput: up to 190.5 Mpps Routing/Switching capacity: 256 Gbps Routing table size: 32768 entries (IPv4), 16384 entries (IPv6) MAC address table size: 32768 entries

Get more information

Do you have any question about the JH325A?

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Specification

JH325A Specifications	
Physical specifications	
Type	HPE 5130 24G PoE+ 4SFP+ HI with 1 Interface Slot Switch
Dimensions (H x W x D)	4.37 x 43.99 x 46 cm (1.72 x 17.32 x 18.11 in) (1U height)
Weight	12.5 kg (27.56 lb)
System specifications	
1000 Mb Latency	< 5 μ s
10 Gbps Latency	< 3 μ s
Throughput	up to 154.8 Mpps
Routing/Switching capacity	208 Gbps
Routing table size	32768 entries (IPv4), 16384 entries (IPv6)
MAC address table size	32768 entries
I/O ports and slots	24 RJ-45 autosensing 10/100/1000 PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3at PoE+); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only; Ports 1 - 8 support MACSec 4 SFP+ 10GbE ports 1 port expansion module slot Supports a maximum of 6 SFP+ ports or 2 1/10GBASE-T ports, with optional module
Power supplies	2 power supply slots 1 minimum power supply required (ordered separately)
Fan tray	Airflow direction is Front (port side) to Back (power cord side)
Memory and processor	2 GB SDRAM; Packet buffer size: 4 MB, 512 MB flash

Mounting and enclosure	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware include
Electrical specifications	
Frequency	50/60 Hz
Maximum heat dissipation	2217 BTU/hr (3599.66 kJ/hr), Ranges from 228 BTU/hr to 3412 BTU/hr, depending on power supply configuration
Voltage	100 - 240 V ac, rated (90 - 264 V ac, max) -48 to -60 V dc, rated) (depending on power supply chosen)
Maximum power rating	650 W
Idle power	67 W
PoE power	740 W PoE+
Environmental specifications	
Operating temperature	0°C to 45°C(32°F to 113°F)
Operating relative humidity	10% to 90%, noncondensing
Nonoperating/Storage temperature	-40°C to 70°C (-40°F to 158°F)
Nonoperating/Storage relative humidity	5% to 95%, noncondensing
Acoustic	Low-speed fan: 57.6 dB, High-speed fan: 66.9 dB; ISO 7779
Safety certifications	
Safety	UL 60950-1; EN 60825-1 Safety of Laser Products-Part 1; EN 60825-2 Safety of Laser Products-Part 2; IEC 60950-1; EN 60950-1; CAN/CSA-C22.2 No. 60950-1; FDA 21 CFR Subchapter J; ROHS Compliance; AS/NZS 60950-1; GB 4943; EAC (EurAsian Conformity Certification)
Emissions	EMC Directive 2004/108/EC; FCC (CFR 47, Part 15) Class A; EN 61000-4-11:2004; ANSI C63.4-2009; EN 61000-3-3:2008; VCCI V-4/2012.04; EN 6100-3-2:2006+A1:2009 + A2:2009; EN 61000-3-2:2006+A1:2009+A2:2009 ; EN 61000-4-3:2006; EN 61000-4-4:2012; EN 61000-4-5:2006; EN 61000- 4-6:2009; AS/NZS CISPR 22:2009 Class A; CISPR 22:2008 Class A; EN 55022:2010 Class A; EN 61000- 4-29: 2000; CISPR 24:2010; EN 300 386 V1.6.1; VCCI V-3/2013.04 Class A
Immunity	Generic EN 55024 ESD EN300 386
Management	IMC - Intelligent Management Center, Command-line interface, Web browser, SNMP manager

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