JH149A Datasheet

Overview

The HPE Flex Network 5510 HI Switch Series send outstanding durability, security, and different service support for medium and large project networks. JH149A supports 24 x SFP+ Gigabit ports, 4x 10GbE SFP+ ports, and one expansion slot.

Appearance of HPE JH149A

Product Code	JH149A
Type	HPE Flex Network 5510 24G 4SFP+ HI 1-slot Switch
I/O ports and slots	16 RJ-45 autosensing 10/100/1000 ports (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; 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 or 2 40GbE ports, with optional module
Additional ports and slots	1 dual-personality (RJ-45 or USB micro-B) serial console port 1 RJ-45 out-of-band management port 1 USB 2.0
1000 Mb Latency	< 5 µs
10 Gbps Latency	< 3 µs
Throughput	up to 214 Mp/s
Routing/Switching capacity	288 Gb/s
Routing table size	IPv4 : 32768 entries IPv6 : 16384 entries
MAC address table size	32768 entries
Dimensions (W x D x H)	44.00 x 36.00 x 4.37 cm (17.32 x 14.17 x 1.72 in)
Weight	7.5 kg (16.53 lb)

Front panel of HPE JH149A

Note:

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

Back panel of HPE JH149A

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 Products

Product Code	JH145A	JH146A	JH147A	JH148A	JH149A
Type	HPE Flex Network 5510 24G 4SFP+ HI 1-slot Switch	HPE Flex Network 5510 48G 4SFP+ HI 1-slot Switch	HPE Flex Network 5510 24G PoE+ 4SFP+ HI 1-slot Switch	HPE Flex Network 5510 48G PoE+ 4SFP+ HI 1-slot Switch	HPE Flex Network 5510 24G SFP 4SFP+ HI 1-slot Switch
1000 Mb Latency	< 5 μs	< 5 μs	< 5 μs	< 5 μs	< 5 μs
10 Gbps Latency	< 3 μs	< 3 μs	< 3 μs	< 3 μs	< 3 μs
Throughput	up to 214 Mp/s	up to 250 Mp/s	up to 214 Mp/s	up to 250 Mp/s	up to 214 Mp/s
Routing/Switching capacity	288 Gb/s	336 Gb/s	288 Gb/s	336 Gb/s	288 Gb/s
Routing table size	IPv4 : 32768 entries IPv6 : 16384 entries	IPv4 : 32768 entries IPv6 : 16384 entries	IPv4 : 32768 entries IPv6 : 16384 entries	IPv4 : 32768 entries IPv6 : 16384 entries	IPv4 : 32768 entries IPv6 : 16384 entries

JH149A Specification

JH149A Specifications	
System specifications	
Type	HPE Flex Network 5510 24G 4SFP+ HI 1-slot Switch
I/O ports and slots	· 16 RJ-45 autosensing 10/100/1000 ports (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; 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 or 2 40GbE ports, with optional module
Additional ports and slots	· 1 dual-personality (RJ-45 or USB micro-B) serial console port · 1 RJ-45 out-of-band management port · 1 USB 2.0
Performance	
1000 Mb Latency	< 5 μs
10 Gbps Latency	< 3 μs
Throughput	up to 214 Mp/s
Routing/Switching capacity	288 Gb/s
Routing table size	IPv4 : 32768 entries IPv6 : 16384 entries
MAC address table size	32768 entries
Physical specifications	
Dimensions (W x D x H)	44.00 x 36.00 x 4.37 cm (17.32 x 14.17 x 1.72 in)
Weight	7.5 kg (16.53 lb)

Electrical specifications	
Frequency	50/60 Hz
Maximum heat dissipation	365 BTU/hr (385.08 kJ/hr), Ranges from 167 BTU/hr to 392 BTU/hr, depending on power supply configuration
Voltage	100 - 240 V ac, rated (90 - 264 Vac, max) -48 to -60 V dc, rated (-36 to -72 V dc, max) (depending on power supply chosen)
Maximum power rating	107 W
Idle power	55 W
PoE power	NA
Environmental specifications	
Operating temperature	0°C to 45°C (32°F to 113°F)
Operating relative humidity	10% to 90%, non condensing
Nonoperating/Storage temperature	-40°C to 70°C (-40°F to 158°F)
Nonoperating/Storage relative humidity	5% to 95%, non condensing
Acoustic	Low-speed fan: 52.8 dB, High-speed fan: 66.7 dB ISO 7779
Safety and emissions	
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-3/2012.04 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 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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