

# JH147A Datasheet

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## Overview

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The HPE Flex Network 5510 HI Switch Series send outstanding durability, security, and different service support for medium and large project networks. JH147A supports 24 10/100/1000Base-T autosensing Ethernet ports and 4 SFP+ ports.

## Appearance of HPE JH147A



<b>Product Code</b>	<b>JH147A</b>
Type	HPE Flex Network 5510 24G 4SFP+ HI 1-slot Switch
I/O ports and slots	24 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 $\mu$ s
10 Gbps Latency	< 3 $\mu$ s
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 JH147A



### 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 JH147A



### 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	<a href="#">JH145A</a>	<a href="#">JH146A</a>	<a href="#">JH147A</a>	<a href="#">JH148A</a>	<a href="#">JH149A</a>
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 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ s
10 Gbps Latency	< 3 $\mu$ s	< 3 $\mu$ s	< 3 $\mu$ s	< 3 $\mu$ s	< 3 $\mu$ s
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

## JH147A Specification

### JH147A Specifications

#### System specifications

Type	HPE Flex Network 5510 24G 4SFP+ HI 1-slot Switch
I/O ports and slots	<ul style="list-style-type: none"> <li>· 24 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)</li> <li>· Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only; Ports 1 - 8 support MACsec</li> <li>· 4 SFP+ 10GbE ports</li> <li>· 1 port expansion module slot</li> <li>· Supports a maximum of 6 SFP+ ports or 2 1/10GBASE-T ports or 2 40GbE ports, with optional module</li> </ul>
Additional ports and slots	<ul style="list-style-type: none"> <li>· 1 dual-personality (RJ-45 or USB micro-B) serial console port</li> <li>· 1 RJ-45 out-of-band management port</li> <li>· 1 USB 2.0</li> </ul>

#### Performance

1000 Mb Latency	< 5 $\mu$ s
10 Gbps Latency	< 3 $\mu$ s
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
<b>Environmental specifications</b>	
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
<b>Safety and emissions</b>	
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

## Contact US

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