

## Overview

HPE OfficeConnect 1920 Series switches are advanced Gigabit web managed "smart" switches supporting Layer 3 static routing, Access Control Lists, 802.1X network login. This JG922A has 8 x 10/100/1000 PoE+ enabled ports plus two additional (non combo) Gigabit SFP ports for fiber connectivity. Notable additional features include three levels of Spanning Tree Protocol STP, RSTP, MSTP IPv4/IPv6 management and routing, STP root guard, and ARP and DOS attack protection. Part of the OfficeConnect portfolio of small business networking products from Hewlett Packard Enterprise.

## Quick Spec

Figure 1 shows the appearance of HPE JG922A.

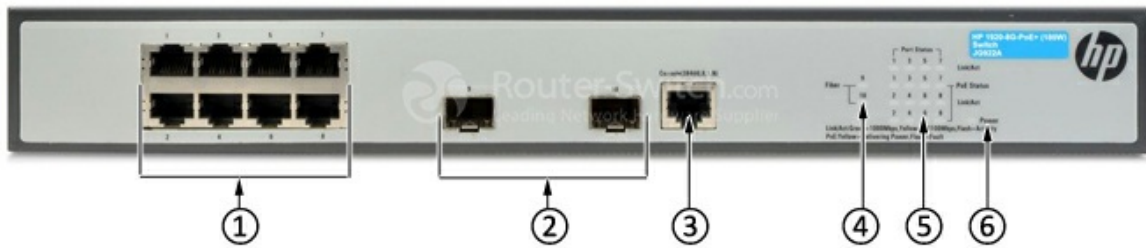


Table 1 shows the quick spec.

<b>Product Code</b>	JG922A
<b>Type</b>	HPE 1920-8G-PoE+ (180W) Switch
<b>PoE power</b>	180 W PoE+
<b>Ports</b>	<ul style="list-style-type: none"> <li>· 8 RJ-45 auto-negotiating 10/100/1000 PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3af PoE, IEEE 802.3at)</li> <li>· 2 SFP 1000 Mb/s ports</li> <li>· Supports a maximum of 8 autosensing 10/100/1000 ports plus 2 1000BASE-X SFP ports, or a combination</li> </ul>
<b>Throughput</b>	14.8 Mp/s (64-byte packets)
<b>Routing/switching capacity</b>	20 Gb/s
<b>Dimensions (W x D x H)</b>	26 x 30 x 4.36 cm (10.24 x 11.81 x 1.72 in) (1U height)
<b>Weight</b>	3.2 kg (7.05 lb)

## Product Details

Figure 2 shows the front panel of HPE JG922A.



Note:

(1)	8 × RJ-45 auto-negotiating 10/100/1000 PoE+ ports
(2)	2 × SFP 1000 Mb/s ports
(3)	Console port
(4)	Fiber port LEDs
(5)	Copper port LEDs
(6)	Power LED

Figure 3 shows the back panel of HPE JG922A.



Note:

(1)	Grounding screw
(2)	AC power connector

### Compare to Similar Items

Table 2 shows the comparison.

Product Code	JG920A	JG921A	JG922A	JG923A
Type	HPE 1920-8G Switch	HPE 1920-8G-PoE+ (65W) Switch	HPE 1920-8G-PoE+ (180W) Switch	HPE 1920-16G Switch
PoE power	N/A	65W	180W	N/A

<b>Throughput</b>	14.8 Mp/s (64-byte packets)	14.8 Mp/s (64-byte packets)	14.8 Mp/s (64-byte packets)	29.8 Mp/s (64-byte packets)
<b>Routing/Switching capacity</b>	20 Gb/s	20 Gb/s	20 Gb/s	40 Gb/s

## Get more information

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## Specification

<b>JG922A Specifications</b>	
Type	HPE 1920-8G-PoE+ (180W) Switch
<b>Physical specifications</b>	
Dimensions	26 x 30 x 4.36 cm (10.24 x 11.81 x 1.72 in) (1U height)
Weight	3.2 kg (7.05 lb)
<b>Technical specifications</b>	
I/O ports and slots	<ul style="list-style-type: none"> <li>· 8 RJ-45 auto-negotiating 10/100/1000 PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3af PoE, IEEE 802.3at)</li> <li>· 2 SFP 1000 Mb/s ports</li> <li>· Supports a maximum of 8 autosensing 10/100/1000 ports plus 2 1000BASE-X SFP ports, or a combination</li> </ul>
Additional ports and slots	1 RJ-45 console port to access limited CLI port
Memory and processor	MIPS @ 500 MHz, 32MB flash, 128MB SDRAM; packet buffer size: 4.1Mb
Mounting and enclosure	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware included)
Performance	100Mb latency: < 5 $\mu$ s 1000Mb latency: < 5 $\mu$ s Throughput: 14.8 Mp/s (64-byte packets) Routing/switching capacity: 20 Gb/s Routing table size: 32 entries (IPv4), 32 entries (IPv6) MAC address table size: 8192 entries
Reliability	MTBF (years): 64.51
<b>Environmental specifications</b>	
Operating temperature	0° to 40°C (32° to 104°F)
Operating relative humidity	10% to 90%, noncondensing
Nonoperating/storage temperature	-40° to 70°C (-40° to 158°F)
Nonoperating/storage relative humidity	10% to 95%, noncondensing
Altitude	Up to 5 km (16,404 ft)
Acoustic	Low-speed fan: 43.6 dB, High-speed fan: 51.5 dB; ISO 7779
<b>Electrical specifications</b>	

Frequency	50/60 Hz
AC voltage	100 - 240 V ac
Maximum power rating	235 W
PoE power	180 W PoE+
Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. PoE power is the power supplied by the internal power supply. It is dependent on the type and quantity of power supplies.
<b>Safety certifications</b>	
Safety	UL 60950; IEC 60950-1; EN 60950-1; CAN/CSA-C22.2 No. 60950-1-03
Emissions	FCC part 15 Class A; VCCI Class A; EN 55022 Class A; CISPR 22 Class A; EN 55024; EN 61000-3-2 2000, 61000-3-3; ICES-003 Class A
Management	IMC - Intelligent Management Center; limited command-line interface; Web browser; SNMP Manager; IEEE 802.3 Ethernet MIB
Notes	SFP port and copper ports work simultaneously, independent of each other, to provide a total of 10 Gigabit switching ports.

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