JG913A Datasheet

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Overview

HPE OfficeConnect 1620 Series Gigabit Switches are entry level web managed "smart" Layer 2 Ethernet copper only switches ideal for small businesses looking to enhance network performance and security but without the added complexity and cost of more advanced switches. This JG913A has 24 x 10/100/1000 ports. Part of the OfficeConnect portfolio of small business networking products from Hewlett Packard Enterprise.

Quick Spec

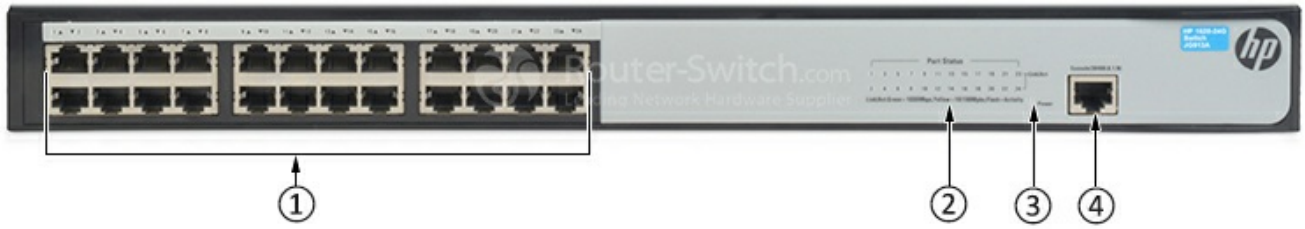
Figure 1 shows the appearance of HPE JG913A.

Table 1 shows the quick spec.

Product Code	JG913A
Type	HPE OfficeConnect 1620 24G Switch
Ports	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); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only
Throughput	Up to 35.7 Mp/s (64-byte packets)
Switching capacity	48 Gb/s
Dimensions (W x D x H)	43.99 x 17.3 x 4.39 cm (1U height (17.32 x 6.81 x 1.73 in)
Weight	2.2 kg (4.85 lb)

Product Details

Figure 2 shows the front panel of HPE JG913A.



Note:

(1)	24 × 10/100/1000BASE-T auto-sensing Ethernet port
(2)	Port LEDs
(3)	Power LED
(4)	Console port

Figure 3 shows the back panel of HPE JG913A.

Note:

(1)	Grounding screw
(2)	AC power receptacle

Compare to Similar Items

Table 2 shows the comparison.

Product Code	JG912A	JG913A	JG914A
Type	HPE OfficeConnect 1620 8G Switch	HPE OfficeConnect 1620 24G Switch	HPE OfficeConnect 1620 48G Switch
Throughput	Up to 11.9 Mp/s (64-byte packets)	Up to 35.7 Mp/s (64-byte packets)	Up to 71.4 Mp/s (64-byte packets)
Switching capacity	48 Gb/s	48 Gb/s	96 Gb/s

Ports	8 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); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only	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); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only	48 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); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only

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Specification

JG913A Specifications	
Type	HPE OfficeConnect 1620 24G Switch
Dimensions (W x D x H)	43.99 x 17.3 x 4.39 cm (1U height (17.32 x 6.81 x 1.73 in)
Weight	2.2 kg (4.85 lb)
Mounting and enclosure	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware included), wall mount
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); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only
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: 4.1 Mb
Performance	100 Mb latency: < 7 µs 1000 Mb latency: < 5 µs Throughput: Up to 35.7 Mp/s (64-byte packets) Switching capacity: 48 Gb/s MAC address table size: 8192 entries
Reliability	MTBF (years): 123.46
Frequency	50/60 Hz
AC voltage	100 - 240 V ac
Maximum power rating	15 W
Operating temperature	0° to 40°C (32° to 104°F)
Operating relative humidity	5% to 95%, noncondensing
Nonoperating/storage temperature	-40° to 70°C (-40° to 158°F)
Nonoperating/storage relative humidity	5% to 95%, noncondensing
Altitude	Up to 5 km (16,404 ft)
Acoustic	No fan

Safety	IEC 60950-1 EN 60950-1 CSA 22.2 60950-1 UL 60950-1 2nd Edition
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
General protocols	IEEE 802.1D MAC Bridges IEEE 802.1p Priority IEEE 802.1Q VLANs IEEE 802.3 Type 10BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3ad Link Aggregation Control Protocol (LACP) IEEE 802.3az Energy Efficient Ethernet IEEE 802.3i 10BASE-T IEEE 802.3x Flow Control

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