JH016A Datasheet

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Overview

HPE OfficeConnect 1420 Series switches are Gigabit unmanaged Layer 2 switches for plug and play connectivity, in a metal enclosure ideal for rack mount or desktop operation. This JH016A has 16 x 10/100/1000 ports. It is full rack width with included rack mount hardware but can also operate on a desktop. Part of the OfficeConnect portfolio of small business networking products from Hewlett Packard Enterprise.

Quick Spec

Figure 1 shows the appearance of HPE JH016A.

Table 1 shows the quick spec.

Product Code	JH016A
Type	HPE Officeconnect 1420 16G 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 supports a maximum of 16 autosensing 10/100/1000 ports
Throughput	up to 23.8 Mp/s (64-byte packets)
Switching capacity	32 Gb/s
Dimensions	4.4 x 26.6 x 16.2 cm (1.73 x 10.47 x 6.38 in) (1U height)
Weight	1.2 kg (2.65 lb)

Product Details

Figure 2 shows the front panel of HPE JH016A.

Note:

(1)	16 × 10/100/1000BASE-T copper ports
(2)	Copper port LEDs
(3)	Power LED

Figure 3 shows the back panel of HPE JH016A.

Note:

(1)	Grounding screw
(2)	AC power receptacle

Compare to Similar Items

Table 2 shows the comparison.

Product Code	JH016A	JH017A	JH018A	JH019A
Type	HPE Officeconnect 1420 16G Switch	HPE Officeconnect 1420 24G 2SFP Switch	HPE Officeconnect 1420 24G 2SFP+ Switch	HPE Officeconnect 1420 24G POE+ (124W) Switch
Throughput	up to 23.8 Mp/s (64-byte packets)	up to 38.7 Mp/s (64-byte packets)	up to 65.5 Mp/s (64-byte packets)	up to 35.7 Mp/s (64-byte packets)
Switching capacity	32 Gb/s	52 Gb/s	88 Gb/s	48 Gb/s
PoE Power	N/A	N/A	N/A	124W

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Specification

JH016A Specifications	
Type	HPE Officeconnect 1420 16G 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 supports a maximum of 16 autosensing 10/100/1000 ports
Memory and processor	1MB flash Packet buffer size: 512KB
Mounting and enclosure	Mounts in an EIA standard 19-inch telco rack (hardware included) wall, desktop and under-table mounting
100Mb latency	< 8 µs (LIFO 64-byte packets)
1000Mb latency	< 16 µs (LIFO 64-byte packets)
10 Gb/s Latency	N/A
Throughput	up to 23.8 Mp/s (64-byte packets)
Switching capacity	32 Gb/s
MAC address table size	8192 entries
Reliability: MTBF (years)	153.3
Dimensions	4.4 x 26.6 x 16.2 cm (1.73 x 10.47 x 6.38 in) (1U height)
Weight	1.2 kg (2.65 lb)
Frequency	50/60 Hz
Maximum heat dissipation	N/A
Voltage	100 - 240 V ac (rated)
Current	0.2
Maximum power rating	12 W1
PoE power	N/A
Operating temperature	0°C to 40°C (32°F to 104°F)
Operating relative humidity	5% to 95%, non condensing
Non operating/Storage temperature	-40°C to 70°C (-40°F to 158°F)
Non operating/Storage relative humidity	5% to 95%, non condensing
Altitude	Up to 5 km(16,404 ft)
Acoustic	Power: 0 dB No fan

Safety	CSA 22.2 No. 60950 UL 60950-1 IEC 60950-1 EN 60950-1
Emissions	FCC Rules Part 15, Subpart B Class A
Generic	EN 55022 CISPR 22
EN	EN 55024, CISPR 24
ESD	IEC 61000-4-2
Radiated	IEC 61000-4-3
EFT/Burst	IEC 61000-4-4
Surge	IEC 61000-4-5
Conducted	IEC 61000-4-6
Power frequency magnetic field	IEC 61000-4-8
Voltage dips and interruptions	IEC 61000-4-11
Harmonics	IEC 61000-3-2
Flicker	IEC 61000-3-3

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