Hewlett Packard Enterprise

HPE OfficeConnect 1405 Switch Series

Key features

- Entry-level switching for small offices

- Plug and play; no configuration required

- Energy efficient, with EEE and idle-port power down (v2 models)

- Quality of Service (IEEE 802.1p and DSCP)

- 3-year warranty

Product overview

The HPE OfficeConnect 1405 Switch Series consists of plug-and-play unmanaged 5- and 8-port. Layer 2 switches designed for small offices, in both Gigabit Ethernet and Fast Ethernet configurations. The 1405 Small Office switches are preconfigured for fast, easy installation, with connections using low-cost Ethernet copper cabling. They support administration-friendly features such as auto-negotiation and automatic cable type detection (MDI/MDIX), and are FCC Class B certified and approved for both business and home office locations. All models have energy-saving features such as Energy Efficient Ethernet (EEE) and idle-port power down. All models are fanless for quiet and "green" operation, and are designed for high reliability, long life, low power consumption, and low total cost of ownership. HPE OfficeConnect 1405 switches come with a 3-year warranty.

Features and benefits

Quality of Service (QoS)
- **Traffic prioritization (IEEE 802.1p)**

  Allows real-time traffic classification mapped to multiple hardware queues (Gigabit Ethernet v2 models support four hardware queues per port; other models support two hardware queues per port)

- **Class of Service (CoS)**

  Prioritizes traffic by honoring Differentiated Services Code Point (DSCP)

Connectivity
- **Auto-MDIX**

  Automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports

- **Jumbo packet support (Gigabit Ethernet models only)**

  Supports up to 9216-byte frame size to improve the performance of large data transfers

Performance
- **Half-/Full-duplex auto-negotiating capability on every port**

  Doubles the throughput of every port

Ease of use
- **Flow control**

  Helps ensure reliable communications during full-duplex operation

- **Comprehensive LED display with per-port indicators**

  Provides an at-a-glance view of status, activity, speed, and full-duplex operation

- **Unmanaged**

  Provides plug-and-play simplicity

- **Compatible**

  Supports Windows® and Mac OS platforms

Flexibility
- **Fanless design**

  Enables quiet operation for deployment in open spaces

Additional information
- **Green initiative support**

  Provides support for RoHS and WEEE regulations

- **Energy savings**

  5- and 8-port models utilize the Energy Efficient Ethernet (EEE) standard (IEEE 802.3az) and idle-port power down for energy savings

Warranty and support
- **3-year warranty**

  See **hpe.com/officeconnect/support** for warranty and support information included with your product purchase.

HPE OfficeConnect 1405 Switch Series

Specifications	HPE OfficeConnect 1405 5G v3 Switch (JH407A)	HPE OfficeConnect 1405 8G v3 Switch (JH408A)
I/O ports and slots	5 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	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); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only
Physical characteristics Dimensions Weight	4.5(w) x 3.6(d) x 1.4(h) in (11.43 x 9.14 x 3.56 cm) 0.4 lb (0.18 kg)	6.1(w) x 3.6(d) x 1.4(h) in (15.49 x 9.14 x 3.56 cm) 0.5 lb (0.23 kg)
Memory and processor	Packet buffer size: 1 Mb	Packet buffer size: 1.5 Mb
Mounting	Desktop (rear port)	Desktop (rear port)
Performance 100 Mb Latency 1000 Mb Latency Throughput Routing/Switching capacity MAC address table size	< 3.0 µs < 2.6 µs up to 7.4 Mpps 10 Gbps 2048 entries	< 3.0 µs < 2.6 µs up to 11.8 Mpps 16 Gbps 8192 entries
Environment Operating temperature Operating relative humidity Nonoperating/Storage temperature Nonoperating/Storage relative humidity Acoustic	32°F to 104°F (0°C to 40°C) 15% to 95%, noncondensing -40°F to 158°F (-40°C to 70°C) 15% to 95%, noncondensing Power: 0 dB Fanless	32°F to 104°F (0°C to 40°C) 15% to 95%, noncondensing -40°F to 158°F (-40°C to 70°C) 15% to 95%, noncondensing Fanless
Electrical characteristics Frequency Voltage Maximum power rating	50/60 Hz 100 - 240 VAC, rated 3.0 W	50/60 Hz 100 - 240 VAC, rated 4.5 W
	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.	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.
Safety	UL 60950; IEC 60950-1; EN 60950-1; CAN/CSA-C22.2 No. 60950-1-03	UL 60950; IEC 60950-1; EN 60950-1; CAN/CSA-C22.2 No. 60950-1-03
Emissions	EN 55022 Class B; ICES-003 Class B; FCC Part 15, Class B; AS/NZS CISPR 22 Class B	EN 55022 Class B; ICES-003 Class B; FCC Part 15, Class B; AS/NZS CISPR 22 Class B

Notes

Specifications (continued)	HPE OfficeConnect 1405 5G v3 Switch (JH407A)	HPE OfficeConnect 1405 8G v3 Switch (JH408A)
Services	Refer to the Hewlett Packard Enterprise website at **hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services, and response times in your area, please contact your local Hewlett Packard Enterprise sales office.	Refer to the Hewlett Packard Enterprise website at **hpe.com/networking/services** for details on the service-level descriptions and product numbers. For details about services, and response times in your area, please contact your local Hewlett Packard Enterprise sales office.

Standards and Protocols
(applies to all products in series)

General protocols	IEEE 802.1p Priority IEEE 802.3az Energy Efficient Ethernet IEEE 802.3x Flow Control

Learn more at
hpe.com/networking

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