QuickSpecs

Overview

HPE OfficeConnect 1405 Switch Series

Models

HP 1405-5G v2 Switch	J9792A
HP 1405-8G v2 Switch	J9794A
HP 1405-16G Desktop Switch	JD844A
HPE OfficeConnect 1405 5 Switch	J9791A
HPE OfficeConnect 1405 8 Switch	J9793A
HP 1405-16 Desktop Switch	JD858A

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-, 8-, and 16-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.The 5- and 8-port 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 1405 Small Office switches come with a 3-year warranty, which covers the unit and adapter.

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)**

Overview

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 **http://www.hpe.com/networking/warrantysummary** for warranty and support information included with your product purchase.

Configuration

Build To Order:
BTO is a standalone unit with no integration. BTO products ship standalone are not part of a CTO or Rack-Shippable solution.

HP 1405-16G Desktop Switch   JD844A
- 16 RJ-45 autosensing 10/100/1000 ports   See Configuration
                                                                                                          NOTE:1

HP 1405-16 Desktop Switch   JD858A
- 16 RJ-45 autosensing 10/100 ports   See Configuration
                                                                                                          NOTE:1

HPE OfficeConnect 1405 5 Switch   J9791A
- 5 RJ-45 autosensing 10/100 ports   See Configuration
                                                                                                          NOTE:1

HP 1405-5G v2 Switch   J9792A
- 5 RJ-45 autosensing 10/100/1000 ports   See Configuration
                                                                                                          NOTE:1

HPE OfficeConnect 1405 8 Switch   J9793A
- 8 RJ-45 autosensing 10/100/1000 ports   See Configuration
                                                                                                          NOTE:1

HP 1405-8G v2 Switch   J9794A
- 8 RJ-45 autosensing 10/100/1000 ports   See Configuration
                                                                                                          NOTE:1

Configuration Rules:

Note 1   **Localization required. (See Localization Menu for list.)**

Remarks: **None of these switches have any user options to configure**

Technical Specifications

HP 1405-5G v2 Switch (J9792A)

Ports	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	
Physical characteristics	**Dimensions**	4.5(w) x 3.6(d) x 1.4(h) in (11.43 x 9.14 x 3.56 cm)
	Weight	0.4 lb (0.18 kg)
Memory and processor	packet buffer size: 1 MB	
Mounting	Desktop (rear port)	
Performance	**100 Mb Latency**	< 4.1µs
	1000 Mb Latency	< 2.6µs
	Throughput	up to 7.4 million pps
	Routing/Switching capacity	10 Gbps
	MAC address table size	2048 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	15% to 95%, noncondensing
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	15% to 95%, noncondensing
	Acoustic	Fanless
Electrical characteristics	**Voltage**	100 - 240 VAC, rated (depending on power supply chosen)
	Frequency	50/60 Hz
	Maximum power rating	2.0 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.
Safety	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	
Services	Refer to the Hewlett Packard Enterprise website at **http://www.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.	

HP 1405-8G v2 Switch (J9794A)

Technical Specifications

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); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only	
Physical characteristics	**Dimensions**	6.1(w) x 3.6(d) x 1.4(h) in (15.49 x 9.14 x 3.56 cm)
	Weight	0.5 lb (0.23 kg)
Memory and processor	packet buffer size: 2 MB	
Mounting	Desktop (rear port)	
Performance	**100 Mb Latency**	< 3.9µs
	1000 Mb Latency	< 2.6µs
	Throughput	up to 11.8 million pps
	Routing/Switching capacity	10 Gbps
	MAC address table size	2048 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	15% to 95%, noncondensing
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	15% to 95%, noncondensing
	Acoustic	Fanless
Electrical characteristics	**Voltage**	100 - 240 VAC, rated (depending on power supply chosen)
	Frequency	50/60 Hz
	Maximum power rating	4.0 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.
Safety	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	
Services	Refer to the Hewlett Packard Enterprise website at **http://www.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.	

HP 1405-16G Desktop Switch (JD844A)

Ports	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	
Physical characteristics	**Dimensions**	8.2(w) x 6.3(d) x 1.6(h) in (20.83 x 16 x 4.06 cm)

Technical Specifications

	Weight	1.9 lb (0.86 kg)
Memory and processor	packet buffer size: 2 MB	
Mounting	Desktop (rear port)	
Performance	**100 Mb Latency**	< 5 µs
	1000 Mb Latency	< 5 µs
	Throughput	up to 23.7 million pps
	Routing/Switching capacity	32 Gbps
	MAC address table size	8192 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	10% to 90%, noncondensing
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	10% to 95%, noncondensing
	Acoustic	Fanless
Electrical characteristics	**Voltage**	100 - 240 VAC, rated (depending on power supply chosen)
	Frequency	50/60 Hz
	Maximum power rating	13.0 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.
Safety	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	
Notes	HP 1405-16G Desktop Switch (JD844A) was formerly sold as the 3Com OfficeConnect Gigabit Switch 16 (3C1671600A).	
Services	Refer to the Hewlett Packard Enterprise website at **http://www.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.	

HPE OfficeConnect 1405 5 Switch (J9791A)

Ports	5 RJ-45 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX); Media Type: Auto-MDIX; Duplex: half or full	
Physical characteristics	**Dimensions**	4.5(w) x 3.6(d) x 1.4(h) in (11.43 x 9.14 x 3.56 cm)
	Weight	0.4 lb (0.18 kg)
Memory and processor	packet buffer size: 384 KB	
Mounting	Desktop (rear port)	

Technical Specifications

Performance	**100 Mb Latency**	< 3.2µs
	Throughput	up to 0.7 million pps
	Routing/Switching capacity	1 Gbps
	MAC address table size	2048 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	15% to 95%, noncondensing
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	15% to 95%, noncondensing
	Acoustic	Fanless
Electrical characteristics	**Voltage**	100 - 240 VAC, rated (depending on power supply chosen)
	Frequency	50/60 Hz
	Maximum power rating	1.8 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.
Safety	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	
Services	Refer to the Hewlett Packard Enterprise website at **http://www.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.	

HPE OfficeConnect 1405 8 Switch (J9793A)

Ports	8 RJ-45 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX); Media Type: Auto-MDIX; Duplex: half or full	
Physical characteristics	**Dimensions**	6.1(w) x 3.6(d) x 1.4(h) in (15.49 x 9.14 x 3.56 cm)
	Weight	0.5 lb (0.23 kg)
Memory and processor	packet buffer size: 768 KB	
Mounting	Desktop (rear port)	
Performance	**100 Mb Latency**	< 2.9µs
	Throughput	up to 1.2 million pps
	Routing/Switching capacity	1.6 Gbps
	MAC address table size	1024 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)

Technical Specifications

	Operating relative humidity	15% to 95%, noncondensing
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	15% to 95%, noncondensing
	Acoustic	Fanless
Electrical characteristics	**Voltage**	100 - 240 VAC, rated (depending on power supply chosen)
	Frequency	50/60 Hz
	Maximum power rating	1.9 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.
Safety	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	
Services	Refer to the Hewlett Packard Enterprise website at **http://www.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.	

HP 1405-16 Desktop Switch (JD858A)

Ports	16 RJ-45 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX); Media Type: Auto-MDIX; Duplex: half or full	
Physical characteristics	**Dimensions**	8.2(w) x 6.3(d) x 1.6(h) in (20.83 x 16 x 4.06 cm)
	Weight	1.4 lb (0.64 kg)
Memory and processor	packet buffer size: 1.6 MB	
Mounting	Desktop (rear port)	
Performance	**100 Mb Latency**	< 5 µs
	Throughput	up to 2.4 million pps
	Routing/Switching capacity	3.2 Gbps
	MAC address table size	4096 entries
Environment	**Operating temperature**	32°F to 104°F (0°C to 40°C)
	Operating relative humidity	10% to 90%, noncondensing
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	10% to 95%, noncondensing

Technical Specifications

Electrical characteristics	**Voltage**	100 - 240 VAC, rated (depending on power supply chosen)
	Frequency	50/60 Hz
	Maximum power rating	6.0 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.
Safety		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
Notes		The HP 1405-16 Desktop Switch (JD858A) was formerly sold as the 3Com OfficeConnect Fast Ethernet Switch 16 (3C16792C).
Services		Refer to the Hewlett Packard Enterprise website at **http://www.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	

Date	Version History	Action	Description of Change:
27-May-2016	From Version 8 to 9	Changed	Document name changed to HPE OfficeConnect 1405 Switch Series. Configuration section added. Product description updated.
01-Dec-2015	From Version 7 to 8	Changed	Overview and Technical Specifications updated
15-Feb-2013	From Version 5 to 7	Changed	Updated the Product overview, Features and benefits, and Key features sections.
27-Nov-2012	From Version 4 to 5	Changed	Several models were removed from the document.
24-Aug-2012	From Version 3 to 4	Changed	Updated the Features and Benefits, Introduction and Accessories sections.
14-May-2012	From Version 2 to 3	Changed	Features and Benefits, Accessories, and the weight and dimensions for each spec were revised. Several new models were added as well.
28-Oct-2011	From Version 1 to 2	Changed	Changes were made throughout, including changing the title.

Summary of Changes

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