

Overview

HPE OfficeConnect 1405 Switch Series



Models

HPE OfficeConnect 1405-5G v2 Switch	J9792A
HPE OfficeConnect 1405 5G v3 Switch	JH407A
HPE OfficeConnect 1405-8G v2 Switch	J9794A
HPE OfficeConnect 1405 8G v3 Switch	JH408A
HPE OfficeConnect 1405 5 Switch	J9791A
HPE OfficeConnect 1405 8 Switch	J9793A

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, which covers the unit and adapter.

Overview

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 <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.

HPE OfficeConnect 1405 5 Switch	J9791A
<ul style="list-style-type: none"> 5 RJ-45 autosensing 10/100 ports 	See Configuration NOTE:1
HPE OfficeConnect 1405-5G v2 Switch	J9792A
<ul style="list-style-type: none"> 5 RJ-45 autosensing 10/100/1000 ports 	See Configuration NOTE:1
HPE OfficeConnect 1405 5G v3 Switch	JH407A
<ul style="list-style-type: none"> 5 RJ-45 autosensing 10/100/1000 ports 	See Configuration NOTE:1
No Power Cord	JH407A#AC3
<ul style="list-style-type: none"> No Localized Power Cord Selected 	
HPE OfficeConnect 1405 8 Switch	J9793A
<ul style="list-style-type: none"> 8 RJ-45 autosensing 10/100 ports 	See Configuration NOTE:1
HPE OfficeConnect 1405-8G v2 Switch	J9794A
<ul style="list-style-type: none"> 8 RJ-45 autosensing 10/100/1000 ports 	See Configuration NOTE:1
HPE OfficeConnect 1405 8G v3 Switch	JH408A
<ul style="list-style-type: none"> 8 RJ-45 autosensing 10/100/1000 ports 	See Configuration NOTE:1
No Power Cord	JH408A#AC3
<ul style="list-style-type: none"> No Localized Power Cord Selected 	

Configuration Rules:

Note 1 Localization required. (See Localization Menu for list.)
If #AC3 is selected then no Localized Power Cord is required.(If applicable)

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

Technical Specifications

HPE OfficeConnect 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	< 3.0µs
	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	3.0 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.	

HPE OfficeConnect 1405 5G v3 Switch (JH407A)

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	
Physical characteristics	Dimensions	4.5(w) x 3.6(d) x 1.4(h) in (11.43 x 9.14 x 3.56 cm)

Technical Specifications

	Weight	0.4 lb (0.18 kg)
Memory and processor	Packet buffer size: 1 Mb	
Mounting and enclosure	Desktop (rear port)	
Performance	100 Mb Latency	< 3.0 μ s
	1000 Mb Latency	< 2.6 μ s
	Throughput	up to 7.4 Mpps
	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	Power: 0 dB Fanless
Electrical characteristics	Voltage	100 - 240 VAC, rated
	Frequency	50/60 Hz
	Maximum power rating	3.0 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.	

HPE OfficeConnect 1405-8G v2 Switch (J9794A)

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	< 3.0 μ s
	1000 Mb Latency	< 2.6 μ s
	Throughput	up to 11.8 million pps
	Routing/Switching capacity	16 Gbps
	MAC address table size	4096 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	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.
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 8G v3 Switch (JH408A)

I/O Ports and Slots		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: 1.5 Mb
Mounting and enclosure		Desktop (rear port)
Performance	100 Mb Latency	< 3.0 μs
	1000 Mb Latency	< 2.6 μs
	Throughput	up to 11.8 Mpps
	Routing/Switching capacity	16 Gbps
	MAC address table size	8192 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

Technical Specifications

Frequency	50/60 Hz
Maximum power rating	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.
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 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	<table> <tr> <td>Dimensions</td> <td>4.5(w) x 3.6(d) x 1.4(h) in (11.43 x 9.14 x 3.56 cm)</td> </tr> <tr> <td>Weight</td> <td>0.4 lb (0.18 kg)</td> </tr> </table>	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)						
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)										
Performance	<table> <tr> <td>100 Mb Latency</td> <td>< 3.2µs</td> </tr> <tr> <td>Throughput</td> <td>up to 0.7 million pps</td> </tr> <tr> <td>Routing/Switching capacity</td> <td>1 Gbps</td> </tr> <tr> <td>MAC address table size</td> <td>2048 entries</td> </tr> </table>	100 Mb Latency	< 3.2µs	Throughput	up to 0.7 million pps	Routing/Switching capacity	1 Gbps	MAC address table size	2048 entries		
100 Mb Latency	< 3.2µs										
Throughput	up to 0.7 million pps										
Routing/Switching capacity	1 Gbps										
MAC address table size	2048 entries										
Environment	<table> <tr> <td>Operating temperature</td> <td>32°F to 104°F (0°C to 40°C)</td> </tr> <tr> <td>Operating relative humidity</td> <td>15% to 95%, noncondensing</td> </tr> <tr> <td>Nonoperating/Storage temperature</td> <td>-40°F to 158°F (-40°C to 70°C)</td> </tr> <tr> <td>Nonoperating/Storage relative humidity</td> <td>15% to 95%, noncondensing</td> </tr> <tr> <td>Acoustic</td> <td>Fanless</td> </tr> </table>	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
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	<table> <tr> <td>Voltage</td> <td>100 - 240 VAC, rated (depending on power supply chosen)</td> </tr> <tr> <td>Frequency</td> <td>50/60 Hz</td> </tr> <tr> <td>Maximum power rating</td> <td>1.8 W</td> </tr> <tr> <td>Notes</td> <td>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.</td> </tr> </table>	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.		
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.										

Technical Specifications

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	
	Operating temperature	32°F to 104°F (0°C to 40°C)	
Environment	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		
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Date	Version History	Action	Description of Change:
05-Dec-2016	From Version 11 to 12	Changed	Models added: JH407A; JH408A
11-Nov-2016	From Version 10 to 11	Changed	Minor edits made on Configuration.
02-Sep-2016	From Version 9 to 10	Changed	Minor edits made on Technical Specifications
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.

Summary of Changes

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.



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