

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.

Features and benefits

Overview

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/officeconnect/support> 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)

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|-----------------------------------|--|---|
| 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 μ s |
| | 1000 Mb Latency | < 2.6 μ s |
| | 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

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|-----------------------------|--|
| 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)

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|-----------------------------------|--|---|--|
| 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 | | |
| 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. | | |

| Date | Version History | Action | Description of Change: |
|-------------|-----------------------|---------|--|
| 04-Sep-2017 | From Version 12 to 13 | Changed | Updates made on Features and benefits |
| 05-Dec-2016 | From Version 11 to 12 | Added | 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 |

Summary of Changes

| | | | |
|-------------|---------------------|---------|--|
| 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. |



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