



HP V1405 Small Office Switch Series

Data sheet

Product overview

HP V1405 Small Office Switch Series devices are plug-and-play unmanaged fixed-configuration Gigabit Ethernet and Fast Ethernet Layer 2 switches designed for small offices. Series models include 5-, 8- and 16-port switches in both Gigabit Ethernet and Fast Ethernet configurations. These unmanaged switches are preconfigured for fast and easy installation, with connections using low-cost Ethernet copper cabling. They support administration-friendly features such as auto-negotiated port speed and automatic detection of the Ethernet cable type (MDI/MDIX). They are Class B certified, and approved for both business and home office locations. They are fanless for quiet and "green" operation, designed for high reliability, long life, low power consumption, and low total cost of ownership. These switches come with a 3-year warranty, covering unit and power supply or adapter, and 3-year access to HP phone support.

Key features

- Entry-level switching for small offices
- Plug-and-play; no configuration required
- Power-enhanced design
- Auto-MDI/MDIX eliminates cabling problems
- 3-year warranty



Features and benefits

Quality of Service (QoS)

- **IEEE 802.1p prioritization:** delivers data to devices based on the priority and type of traffic

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 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

Flexibility

- **Designed with no fan:** enables quiet operation for deployment in open spaces

Additional information

- **Green initiative support:** provides support for RoHS and WEEE regulations

Warranty and support

- **3-year warranty:** with advance replacement and next-business-day delivery (available in most countries)
- **Electronic and telephone support:** limited electronic and telephone support is available from HP; refer to www.hp.com/networking/warranty for details on the support provided and the period during which support is available

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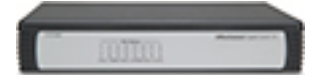
Specifications



HP V1405-5G Switch (JD869A)



HP V1405-8G Switch (JD871A)



HP V1405-16G Desktop Switch (JD844A)

| | | | |
|--|--|--|---|
| 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 | 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 | 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 | 3.6(d) x 4.6(w) x 1.2(h) in. (9.14 x 11.68 x 3.05 cm) | 3.6(d) x 6.2(w) x 1.2(h) in. (9.14 x 15.75 x 3.05 cm) | 6.3(d) x 8.2(w) x 1.6(h) in. (16 x 20.83 x 4.06 cm) |
| Weight | 0.39 lb. (0.18 kg) | 0.53 lb. (0.24 kg) | 1.9 lb. (0.86 kg) |
| Memory and processor | | | |
| | 1 MB | 1.5 MB | 2 MB |
| Mounting | Desktop (rear port) | Desktop (rear port) | Desktop (rear port) |
| Performance | | | |
| 100 Mb Latency | < 5 μ s | < 5 μ s | < 5 μ s |
| 1000 Mb Latency | < 5 μ s | < 5 μ s | < 5 μ s |
| Throughput | 7.4 million pps | 11.9 million pps | 23.7 million pps |
| Routing/Switching capacity | 10 Gbps | 16 Gbps | 32 Gbps |
| MAC address table size | 4096 entries | 8192 entries | 8192 entries |
| Environment | | | |
| Operating temperature | 32°F to 104°F (0°C to 40°C) | 32°F to 104°F (0°C to 40°C) | 32°F to 104°F (0°C to 40°C) |
| Operating relative humidity | 10% to 90%, noncondensing | 10% to 90%, noncondensing | 10% to 90%, noncondensing |
| Nonoperating/Storage temperature | -40°F to 158°F (-40°C to 70°C) | -40°F to 158°F (-40°C to 70°C) | -40°F to 158°F (-40°C to 70°C) |
| Nonoperating/Storage relative humidity | 10% to 95%, noncondensing | 10% to 95%, noncondensing | 10% to 95%, noncondensing |
| Electrical characteristics | | | |
| Voltage | 100-240 VAC | 100-240 VAC | 100-240 VAC |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| 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 | 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 CISPR22 Class B | EN 55022 Class B; ICES-003 Class B; FCC Part 15, Class B; AS/NZS CISPR22 Class B | EN 55022 Class B; ICES-003 Class B; FCC Part 15, Class B; AS/NZS CISPR22 Class B |
| Notes | The HP V1405-5G (JD869A) Switch was formerly sold as the 3Com Gigabit Switch 5 (3CGSU05A). | The HP V1405-8G (JD871A) Switch was formerly sold as the 3Com Gigabit Switch 8 (3CGSU08A). | The HP V1405-16G Desktop Switch (JD844A) was formerly sold as the 3Com OfficeConnect Gigabit Switch 16 (3C1671600A). |

HP V1405 Small Office Switch Series

Specifications (continued)

| | HP V1405-5G Switch (JD869A) | HP V1405-8G Switch (JD871A) | HP V1405-16G Desktop Switch (JD844A) |
|-----------------|--|---|---|
| Services | <p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV780E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW476E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UW479E) 3-year, 24x7 SW phone support, software updates (UV783E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UV781E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW477E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW480E) 4-year, 24x7 SW phone support, software updates (UV784E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UV782E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW478E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW481E) 5-year, 24x7 SW phone support, software updates (UV785E) 3 Yr 6 hr Call-to-Repair Onsite (UW482E) 4 Yr 6 hr Call-to-Repair Onsite (UW483E) 5 Yr 6 hr Call-to-Repair Onsite (UW484E)</p> <p>Refer to the HP website at www.hp.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 HP sales office.</p> | <p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV780E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW476E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UW479E) 3-year, 24x7 SW phone support, software updates (UV783E) Installation with minimum configuration, system-based pricing (UW451E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UV781E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW477E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW480E) 4-year, 24x7 SW phone support, software updates (UV784E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UV782E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW478E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW481E) 5-year, 24x7 SW phone support, software updates (UV785E) 3 Yr 6 hr Call-to-Repair Onsite (UW482E) 4 Yr 6 hr Call-to-Repair Onsite (UW483E) 5 Yr 6 hr Call-to-Repair Onsite (UW484E)</p> <p>Refer to the HP website at www.hp.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 HP sales office.</p> | <p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV780E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW476E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UW479E) 3-year, 24x7 SW phone support, software updates (UV783E) Installation with minimum configuration, system-based pricing (UW451E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UV781E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW477E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW480E) 4-year, 24x7 SW phone support, software updates (UV784E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UV782E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW478E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW481E) 5-year, 24x7 SW phone support, software updates (UV785E) 3 Yr 6 hr Call-to-Repair Onsite (UW482E) 4 Yr 6 hr Call-to-Repair Onsite (UW483E) 5 Yr 6 hr Call-to-Repair Onsite (UW484E)</p> <p>Refer to the HP website at www.hp.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 HP sales office.</p> |

HP V1405 Small Office Switch Series

Specifications (continued)



HP V1405-5 Switch (JD866A)



HP V1405-8 Switch (JD867A)



HP V1405-16 Desktop Switch (JD858A)

| | | | |
|--|--|--|--|
| 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 | 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 | 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 | 4.3(d) x 5.6(w) x 1.2(h) in. (10.92 x 14.22 x 3.05 cm) | 4.3(d) x 7.0(w) x 1.2(h) in. (10.92 x 17.78 x 3.05 cm) | 6.3(d) x 8.2(w) x 1.6(h) in. (16 x 20.83 x 4.06 cm) |
| Weight | 1 lb. (0.45 kg) | 0.44 lb. (0.2 kg) | 1.4 lb. (0.64 kg) |
| Memory and processor | 64 KB | 128 KB | 1.6 MB |
| Mounting | Desktop (rear port) | Desktop (rear port) | Desktop (rear port) |
| Performance | | | |
| 100 Mb Latency | < 5 μ s | < 5 μ s | < 5 μ s |
| Throughput | 0.7 million pps | 1.2 million pps | 2.4 million pps |
| Routing/Switching capacity | 1 Gbps | 1.6 Gbps | 3.2 Gbps |
| MAC address table size | 2048 entries | 2048 entries | 4096 entries |
| Environment | | | |
| Operating temperature | 32°F to 104°F (0°C to 40°C) | 32°F to 104°F (0°C to 40°C) | 32°F to 104°F (0°C to 40°C) |
| Operating relative humidity | 10% to 90%, noncondensing | 10% to 90%, noncondensing | 10% to 90%, noncondensing |
| Nonoperating/Storage temperature | -40°F to 158°F (-40°C to 70°C) | -40°F to 158°F (-40°C to 70°C) | -40°F to 158°F (-40°C to 70°C) |
| Nonoperating/Storage relative humidity | 10% to 95%, noncondensing | 10% to 95%, noncondensing | 10% to 95%, noncondensing |
| Electrical characteristics | | | |
| Voltage | 100-240 VAC | 100-240 VAC | 100-240 VAC |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| 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 | 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 CISPR22 Class B | EN 55022 Class B; ICES-003 Class B; FCC Part 15, Class B; AS/NZS CISPR22 Class B | EN 55022 Class B; ICES-003 Class B; FCC Part 15, Class B; AS/NZS CISPR22 Class B |
| Notes | The HP V1405-5 Switch (JD866A) was formerly sold as the 3Com Switch 5 (3CFSU05). | The HP V1405-8 Switch (JD867A) was formerly sold as the 3Com Switch 8 (3CFSU08). | The HP V1405-16 Desktop Switch (JD858A) was formerly sold as the 3Com OfficeConnect Fast Ethernet Switch 16 (3C16792C). |
| Services | <p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV780E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware (UW476E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UW479E)</p> <p>3-year, 24x7 SW phone support, software updates (UV783E)</p> <p>4-year, 4-hour onsite, 13x5 coverage for hardware (UV781E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware (UW477E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW480E)</p> <p>4-year, 24x7 SW phone support, software updates (UV784E)</p> <p>5-year, 4-hour onsite, 13x5 coverage for hardware (UV782E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware (UW478E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW481E)</p> <p>5-year, 24x7 SW phone support, software updates (UV785E)</p> <p>3 Yr 6 hr Call-to-Repair Onsite (UW482E)</p> <p>4 Yr 6 hr Call-to-Repair Onsite (UW483E)</p> <p>5 Yr 6 hr Call-to-Repair Onsite (UW484E)</p> <p>Refer to the HP website at www.hp.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 HP sales office.</p> | <p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV780E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware (UW476E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UW479E)</p> <p>3-year, 24x7 SW phone support, software updates (UV783E)</p> <p>4-year, 4-hour onsite, 13x5 coverage for hardware (UV781E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware (UW477E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW480E)</p> <p>4-year, 24x7 SW phone support, software updates (UV784E)</p> <p>5-year, 4-hour onsite, 13x5 coverage for hardware (UV782E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware (UW478E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW481E)</p> <p>5-year, 24x7 SW phone support, software updates (UV785E)</p> <p>3 Yr 6 hr Call-to-Repair Onsite (UW482E)</p> <p>4 Yr 6 hr Call-to-Repair Onsite (UW483E)</p> <p>5 Yr 6 hr Call-to-Repair Onsite (UW484E)</p> <p>Refer to the HP website at www.hp.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 HP sales office.</p> | <p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV780E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware (UW476E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UW479E)</p> <p>3-year, 24x7 SW phone support, software updates (UV783E)</p> <p>Installation with minimum configuration, system-based pricing (UW451E)</p> <p>4-year, 4-hour onsite, 13x5 coverage for hardware (UV781E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware (UW477E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW480E)</p> <p>4-year, 24x7 SW phone support, software updates (UV784E)</p> <p>5-year, 4-hour onsite, 13x5 coverage for hardware (UV782E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware (UW478E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW481E)</p> <p>5-year, 24x7 SW phone support, software updates (UV785E)</p> <p>3 Yr 6 hr Call-to-Repair Onsite (UW482E)</p> <p>4 Yr 6 hr Call-to-Repair Onsite (UW483E)</p> <p>5 Yr 6 hr Call-to-Repair Onsite (UW484E)</p> <p>Refer to the HP website at www.hp.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 HP sales office.</p> |

To learn more, visit www.hp.com/networking

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