
Overview

Models

| | |
|--------------------|--------|
| HP 1405-16 Switch | JD984A |
| HP 1405-24 Switch | JD986A |
| HP 1405C-5 Switch* | JD853A |

* This sku is End-of-Sale, and is no longer available.

Key features

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

Product overview

HP 1405 Switch Series devices are plug-and-play unmanaged fixed-configuration Gigabit Ethernet and Fast Ethernet Layer 2 switches designed for small businesses looking for entry-level, low-cost networking. Currently this series includes rack-mountable 16- and 24-port Ethernet switches that are available in APJ region only; and desktop compact 5- Fast Ethernet switch that is available Worldwide. These unmanaged switches are preconfigured for fast and easy installation. They support administration-friendly features such as auto-negotiated port speed and automatic detection of the Ethernet cable type (MDI/MDIX). They are solidly built for business environments, with fanless quiet "green" operation, and are designed for high reliability, long life, low power consumption, and low total cost of ownership. All switches are supported by a 3-year warranty. Please note that these products are under transition.

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** (for Gigabit Ethernet ports 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

- **Unmanaged:** provides plug-and-play simplicity
 - **Comprehensive LED display with per-port indicators:** provides an at-a-glance view of status, activity, speed, and full duplex operation
 - **Flow control:** helps ensure reliable communications during full-duplex operation
-

Overview

Flexibility

- **Fanless design:** 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

Technical Specifications

HP 1405-16 Switch (JD984A)

| | | |
|-----------------------------------|---|---|
| Ports | 16 RJ-45 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX); Duplex: half or full | |
| Physical characteristics | Dimensions | 17.32(w) x 6.81(d) x 1.72(h) in (44 x 17.3 x 4.36 cm) (1U height) |
| | Weight | 3.31 lb (1.5 kg) |
| Memory and processor | packet buffer size: 256 KB | |
| Mounting | Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included) | |
| Performance | Latency | < 5 μ s |
| | Throughput | up to 2.3 million pps |
| | Routing/Switching capacity | 3.2 Gbps |
| | MAC address table size | 4096 entries |
| | Operating temperature | 32°F to 104°F (0°C to 40°C) |
| Environment | Operating relative humidity | 10% to 90%, non-condensing |
| | Nonoperating/Storage temperature | -40°F to 158°F (-40°C to 70°C) |
| | Nonoperating/Storage relative humidity | 10% to 95%, non-condensing |
| Electrical characteristics | Maximum heat dissipation | 34 BTU/hr (35.87 kJ/hr) |
| | Voltage | 100-240 VAC |
| | Current | 1.0 A |
| | Maximum power rating | 10 W |
| | Frequency | 50/60 Hz |
| | 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 | |
| Notes | The HP 1405-16 (JD984A) Switch was formerly sold as the 3Com Baseline Switch 2016 (3C16470B) and may ship with this product labeling. This switch complies with the following emission standards: FCC part 15 Class A; VCCI Class A; CISPR 22 Class A; EN 55024; EN 55022 1998 Class A; EN 61000-3-2 2000, 61000-3-3; and ICES-003 Class A. | |
| Services | 3-year, 4-hour onsite, 13x5 coverage for hardware (UV798E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW024E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW027E) 3-year, 24x7 SW phone support, software updates (UV801E) 1-year, post-warranty, 4-hour onsite, 13x5 coverage for hardware (HR678E) 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR679E) 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (HR680E) Installation with minimum configuration, system-based pricing (UW451E) | |

Technical Specifications

Installation with minimum configuration, system-based pricing (UY901E)
 Installation with HP-provided configuration, system-based pricing (UY902E)
 4-year, 4-hour onsite, 13x5 coverage for hardware (UV799E)
 4-year, 4-hour onsite, 24x7 coverage for hardware (UW025E)
 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW028E)
 4-year, 24x7 SW phone support, software updates (UV802E)
 5-year, 4-hour onsite, 13x5 coverage for hardware (UV800E)
 5-year, 4-hour onsite, 24x7 coverage for hardware (UW026E)
 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW029E)
 5-year, 24x7 SW phone support, software updates (UV803E)
 3 Yr 6 hr Call-to-Repair Onsite (UW030E)
 4 Yr 6 hr Call-to-Repair Onsite (UW031E)
 5 Yr 6 hr Call-to-Repair Onsite (UW032E)
 1-year, 6 hour Call-To-Repair Onsite for hardware (HR681E)

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.

HP 1405-24 Switch (JD986A)

| | | |
|-----------------------------------|---|---|
| Ports | 24 RJ-45 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX); Duplex: half or full | |
| Physical characteristics | Dimensions | 17.32(w) x 6.81(d) x 1.72(h) in (44 x 17.3 x 4.36 cm) (1U height) |
| | Weight | 3.53 lb (1.6 kg) |
| Memory and processor | packet buffer size: 256 KB | |
| Mounting | Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included) | |
| Performance | Latency | < 5 μ s |
| | Throughput | up to 3.6 million pps |
| | Routing/Switching capacity | 4.8 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%, non-condensing |
| | Nonoperating/Storage temperature | -40°F to 158°F (-40°C to 70°C) |
| Electrical characteristics | Nonoperating/Storage relative humidity | 10% to 95%, non-condensing |
| | Maximum heat dissipation | 54 BTU/hr (56.97 kJ/hr) |
| | Voltage | 100-240 VAC |
| | Current | 1.0 A |
| | Maximum power rating | 16 W |
| | Frequency | 50/60 Hz |

Technical Specifications

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 |
| Notes | The HP 1405-24 Switch (JD986A) was formerly sold as the 3Com Baseline Switch 2024 (3C16471B) and may ship with this product labeling. This switch complies with the following emission standards: FCC part 15 Class A; VCCI Class A; CISPR 22 Class A; EN 55024; EN 55022 1998 Class A; EN 61000-3-2 2000, 61000-3-3; and ICES-003 Class A. |
| Services | <p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV798E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UW024E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW027E) 3-year, 24x7 SW phone support, software updates (UV801E) 1-year, post-warranty, 4-hour onsite, 13x5 coverage for hardware (HR678E) 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR679E) 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (HR680E) Installation with minimum configuration, system-based pricing (UW451E) Installation with minimum configuration, system-based pricing (UY901E) Installation with HP-provided configuration, system-based pricing (UY902E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UV799E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UW025E) 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW028E) 4-year, 24x7 SW phone support, software updates (UV802E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UV800E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UW026E) 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW029E) 5-year, 24x7 SW phone support, software updates (UV803E) 3 Yr 6 hr Call-to-Repair Onsite (UW030E) 4 Yr 6 hr Call-to-Repair Onsite (UW031E) 5 Yr 6 hr Call-to-Repair Onsite (UW032E) 1-year, 6 hour Call-To-Repair Onsite for hardware (HR681E)</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 1405C-5 Switch (JD853A)*

| | |
|---------------------------------|--|
| 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 | <p>Dimensions 4.3(w) x 3.3(d) x 0.9(h) in (10.92 x 8.38 x 2.29 cm) Weight 0.31 lb (0.14 kg)</p> |
| Memory and processor | packet buffer size: 384 KB |
| Mounting | Desktop (rear port) |
| Performance | <p>100 Mb Latency < 5 μs Throughput 0.7 million pps</p> |

Technical Specifications

| | | |
|-----------------------------------|--|---------------------------------|
| | 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 | 10% to 90%, non-condensing |
| | Nonoperating/Storage temperature | -40°F to 70°F (-40°C to 21.1°C) |
| | Nonoperating/Storage relative humidity | 10% to 95%, non-condensing |
| Electrical characteristics | Voltage | 100-240 VAC |
| | Frequency | 50/60 Hz |
| Safety | UL 60950; IEC 60950-1; EN 60950-1; CAN/CSA-C22.2 No. 60950-1-03 | |
| Notes | <p>The HP 1405C-5 Switch (JD853A) was formerly sold as the 3Com OfficeConnect Fast Ethernet Switch 5 (3C16790C) and may ship with this product labeling.</p> <p>This switch complies with the following emission standards: EN 55022 Class B, FCC Part 15 Subpart B Class B, ICES-003 Class B, and AS/NZS CISPR 22 Class B.</p> | |
| 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 software phone support (UW479E)</p> <p>3-year, 24x7 SW phone support, software updates (UV783E)</p> <p>1-year, post-warranty, 4-hour onsite, 13x5 coverage for hardware (HR678E)</p> <p>1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR679E)</p> <p>1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (HR680E)</p> <p>Installation with minimum configuration, system-based pricing (UW451E)</p> <p>Installation with minimum configuration, system-based pricing (UY901E)</p> <p>Installation with HP-provided configuration, system-based pricing (UY902E)</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>1-year, 6 hour Call-To-Repair Onsite for hardware (HR681E)</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> | |

* This sku is End-of-Sale, and is no longer available.

Technical Specifications

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

© Copyright 2010-2012 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.