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 avavailble 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 µs
	Throughput	up to 2.3 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%, 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 μs
	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)
	Nonoperating/Storage relative humidity	10% to 95%, non-condensing
Electrical characteristics	**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

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)

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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	**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)
Memory and processor		packet buffer size: 384 KB
Mounting		Desktop (rear port)
Performance	**100 Mb Latency**	< 5 µs
	Throughput	0.7 million pps

QuickSpecs

HP 1405 Switch Series

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		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.
		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.

Services

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 software phone support (UW479E)
3-year, 24x7 SW phone support, software updates (UV783E)
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 (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)
1-year, 6 hour Call-To-Repair Onsite for hardware (HR681E)

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Technical Specifications

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