



## HP V1405 Switch Series

### Product overview

HP V1405 series devices are plug-and-play unmanaged fixed-configuration Fast Ethernet and Gigabit Layer 2 switches designed for small and midsize businesses looking for entry-level, low-cost networking. Series models include rack-mountable 16- and 24-port Gigabit switches; rack-mountable 16-, 24-, and 24+2 Fast Ethernet switches; desktop office environment 5- and 8-port Gigabit and Fast Ethernet switches; and desktop compact 5-, 8-, and 16-port Gigabit and Fast Ethernet switches. These unmanaged switches are preconfigured for fast, easy installation, with connections using low-cost Ethernet copper cabling. They support administration-friendly features such as autonegotiated 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 designed for high reliability, long life, low power consumption, and low total cost of ownership. All switches are supported by a 3-year warranty.

### Key features

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

## Features and benefits

### 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 ports only):** supports up to 9216-byte frame size to improve performance of large data transfers

### Performance

- **Half-/Full-duplex autonegotiating capability on every port:** doubles the throughput of every port

### Quality of Service (QoS)

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

### 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

### Flexibility

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

### 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/support](http://www.hp.com/networking/support) for details on the support provided and the period during which support is available

# HP V1405 Switch Series

## Specifications



HP V1405-16G Switch (JD998A)



HP V1405-24G Switch (JD022A)



HP V1405-5G Switch (JD869A)

	HP V1405-16G Switch (JD998A)	HP V1405-24G Switch (JD022A)	HP V1405-5G Switch (JD869A)
<b>Ports</b>	16 RJ-45 auto-sensing 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	24 RJ-45 auto-sensing 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	5 RJ-45 auto-sensing 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
<b>Physical characteristics</b>			
Dimensions	6.8(d) x 17.4(w) x 1.7(h) in. (17.27 x 44.2 x 4.32 cm) (1U height)	6.8(d) x 17.4(w) x 1.7(h) in. (17.27 x 44.2 x 4.32 cm) (1U height)	3.6(d) x 4.6(w) x 1.2(h) in. (9.14 x 11.68 x 3.05 cm)
Weight	3.6 lb. (1.63 kg)	4.0 lb. (1.81 kg)	0.39 lb. (0.18 kg)
<b>Memory and processor</b>	512 KB	512 KB	1 MB
<b>Mounting</b>	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)	Desktop (rear port)
<b>Performance</b>			
100 Mb Latency	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ s
1000 Mb Latency	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ s
Throughput	6.6 million pps	6.6 million pps	7.4 million pps
Routing/Switching capacity	32 Gbps	48 Gbps	10 Gbps
MAC address table size	8,192 entries	8,192 entries	4,096 entries
<b>Environment</b>			
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%, non-condensing	10% to 90%, non-condensing	10% to 90%, non-condensing
Non-operating/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)
Non-operating/Storage relative humidity	10% to 95%, non-condensing	10% to 95%, non-condensing	10% to 95%, non-condensing
<b>Electrical characteristics</b>			
Maximum heat dissipation	51 BTU/hr (53.81 kJ/hr)	68 BTU/hr (71.74 kJ/hr)	
Voltage	100-240 VAC	100-240 VAC	100-240 VAC
Current	1.0 A	1.0 A	
Maximum power rating	15 W	20 W	
Frequency	50 / 60 Hz	50 / 60 Hz	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.	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.	
<b>Safety</b>	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
<b>Emissions</b>	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; ICES-003 Class A	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; ICES-003 Class A	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; ICES-003 Class A
<b>Notes</b>	The HP V1405-16G Switch (JD998A) was formerly sold as the 3Com Baseline Switch 2816 (3CBLUG16A) and may ship with this product labeling.	The HP V1405-24G (JD022A) Switch was formerly sold as the 3Com Baseline Switch 2824 (3CBLUG24A) and may ship with this product labeling.	The HP V1405-5G (JD869A) Switch was formerly sold as the 3Com Gigabit Switch 5 (3CGSU05A) and may ship with this product labeling.

# HP V1405 Switch Series

## Specifications (continued)

	HP V1405-16G Switch (JD998A)	HP V1405-24G Switch (JD022A)	HP V1405-5G Switch (JD869A)
<b>Services</b>	<p>3-year, 4-hour onsite, 13x5 coverage for hardware (UV798E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware (UW024E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW027E)</p> <p>3-year, 24x7 SW phone support, software updates (UV801E)</p> <p>4-year, 4-hour onsite, 13x5 coverage for hardware (UV799E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware (UW025E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW028E)</p> <p>4-year, 24x7 SW phone support, software updates (UV802E)</p> <p>5-year, 4-hour onsite, 13x5 coverage for hardware (UV800E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware (UW026E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW029E)</p> <p>5-year, 24x7 SW phone support, software updates (UV803E)</p> <p>3 Yr 6 hr Call-to-Repair Onsite (UW030E)</p> <p>4 Yr 6 hr Call-to-Repair Onsite (UW031E)</p> <p>5 Yr 6 hr Call-to-Repair Onsite (UW032E)</p> <p>Refer to the HP website at <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 software phone support (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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 software phone support (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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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>
<b>Standards and protocols</b> (applies to all products in series)	<p><b>General protocols</b></p> <p>IEEE 802.1p Priority</p> <p>IEEE 802.3i 10BaseT</p>	<p>IEEE 802.3u 100BASE-X</p>	<p>IEEE 802.3x Flow Control</p>

# HP V1405 Switch Series

## Specifications



HP V1405-8G Switch (JD871A)



HP V1405-16 Switch (JD984A)



HP V1405-24 Switch (JD986A)

<b>Ports</b>	8 RJ-45 auto-sensing 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 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full	24 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full
<b>Physical characteristics</b>			
Dimensions	3.6(d) x 6.2(w) x 1.2(h) in. (9.14 x 15.75 x 3.05 cm)	6.81(d) x 17.32(w) x 1.72(h) in. (17.3 x 44 x 4.36 cm) (1U height)	6.81(d) x 17.32(w) x 1.72(h) in. (17.3 x 44 x 4.36 cm) (1U height)
Weight	0.53 lb. (0.24 kg)	3.31 lb. (1.5 kg)	3.53 lb. (1.6 kg)
<b>Memory and processor</b>			
	1.5 MB	256 KB	256 KB
<b>Mounting</b>			
	Desktop (rear port)	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)
<b>Performance</b>			
Latency		< 5 $\mu$ s	< 5 $\mu$ s
100 Mb Latency	< 5 $\mu$ s		
1000 Mb Latency	< 5 $\mu$ s		
Throughput	11.9 million pps	up to 2.3 million pps	up to 3.6 million pps
Routing/Switching capacity	16 Gbps	3.2 Gbps	4.8 Gbps
MAC address table size	8,192 entries	4,096 entries	4,096 entries
<b>Environment</b>			
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%, non-condensing	10% to 90%, non-condensing	10% to 90%, non-condensing
Non-operating/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)
Non-operating/Storage relative humidity	10% to 95%, non-condensing	10% to 95%, non-condensing	10% to 95%, non-condensing
<b>Electrical characteristics</b>			
Maximum heat dissipation		34 BTU/hr (35.87 kJ/hr)	54 BTU/hr (56.97 kJ/hr)
Voltage	100-240 VAC	100-240 VAC	100-240 VAC
Current		1.0 A	1.0 A
Maximum power rating		10 W	16 W
Frequency	50 / 60 Hz	50 / 60 Hz	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.	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.
<b>Safety</b>			
	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
<b>Emissions</b>			
	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; ICES-003 Class A	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; ICES-003 Class A	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; ICES-003 Class A
<b>Notes</b>			
	The HP V1405-8G (JD871A) Switch was formerly sold as the 3Com Gigabit Switch 8 (3CGSU08A) and may ship with this product labeling.	The HP V1405-16 (JD984A) Switch was formerly sold as the 3Com Baseline Switch 2016 (3C16470B) and may ship with this product labeling.	The HP V1405-24 Switch (JD986A) was formerly sold as the 3Com Baseline Switch 2024 (3C16471B) and may ship with this product labeling.

# HP V1405 Switch Series

## Specifications (continued)

	HP V1405-8G Switch (JD871A)	HP V1405-16 Switch (JD984A)	HP V1405-24 Switch (JD986A)
<b>Services</b>	<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>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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 (UV798E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware (UW024E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW027E)</p> <p>3-year, 24x7 SW phone support, software updates (UV801E)</p> <p>Installation with minimum configuration, system-based pricing (UW451E)</p> <p>4-year, 4-hour onsite, 13x5 coverage for hardware (UV799E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware (UW025E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW028E)</p> <p>4-year, 24x7 SW phone support, software updates (UV802E)</p> <p>5-year, 4-hour onsite, 13x5 coverage for hardware (UV800E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware (UW026E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW029E)</p> <p>5-year, 24x7 SW phone support, software updates (UV803E)</p> <p>3 Yr 6 hr Call-to-Repair Onsite (UW030E)</p> <p>4 Yr 6 hr Call-to-Repair Onsite (UW031E)</p> <p>5 Yr 6 hr Call-to-Repair Onsite (UW032E)</p> <p>Refer to the HP website at <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 (UV798E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware (UW024E)</p> <p>3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UW027E)</p> <p>3-year, 24x7 SW phone support, software updates (UV801E)</p> <p>Installation with minimum configuration, system-based pricing (UW451E)</p> <p>4-year, 4-hour onsite, 13x5 coverage for hardware (UV799E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware (UW025E)</p> <p>4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW028E)</p> <p>4-year, 24x7 SW phone support, software updates (UV802E)</p> <p>5-year, 4-hour onsite, 13x5 coverage for hardware (UV800E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware (UW026E)</p> <p>5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UW029E)</p> <p>5-year, 24x7 SW phone support, software updates (UV803E)</p> <p>3 Yr 6 hr Call-to-Repair Onsite (UW030E)</p> <p>4 Yr 6 hr Call-to-Repair Onsite (UW031E)</p> <p>5 Yr 6 hr Call-to-Repair Onsite (UW032E)</p> <p>Refer to the HP website at <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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>
<b>Standards and protocols</b> (applies to all products in series)	<b>General protocols</b> IEEE 802.1p Priority IEEE 802.3i 10BaseT	IEEE 802.3u 100BASE-X	IEEE 802.3x Flow Control

# HP V1405 Switch Series

## Specifications



HP V1405-24-2G Switch (JD020A)



HP V1405-5 Switch (JD866A)



HP V1405-8 Switch (JD867A)

<b>Ports</b>	24 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Media Type: Auto-MDIX; Duplex: half or full  2 RJ-45 auto-sensing 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	5 RJ-45 auto-sensing 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 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Media Type: Auto-MDIX; Duplex: half or full
<b>Physical characteristics</b>			
Dimensions	6.8(d) x 17.4(w) x 1.7(h) in. (17.27 x 44.2 x 4.32 cm) (1U height)	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)
Weight	4.0 lb. (1.81 kg)	1 lb. (0.45 kg)	0.44 lb. (0.2 kg)
<b>Memory and processor</b>	256 KB	64 KB	128 KB
<b>Mounting</b>	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)	Desktop (rear port)	Desktop (rear port)
<b>Performance</b>			
100 Mb Latency	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ s
Throughput	6.6 million pps	0.7 million pps	1.2 million pps
Routing/Switching capacity	6.8 Gbps	1 Gbps	1.6 Gbps
MAC address table size	4,096 entries	2,048 entries	2,048 entries
<b>Environment</b>			
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%, non-condensing	10% to 90%, non-condensing	10% to 90%, non-condensing
Non-operating/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)
Non-operating/Storage relative humidity	10% to 95%, non-condensing	10% to 95%, non-condensing	10% to 95%, non-condensing
<b>Electrical characteristics</b>			
Maximum heat dissipation	34 BTU/hr (35.87 kJ/hr)		
Voltage	100-240 VAC	100-240 VAC	100-240 VAC
Current	1.0 A		
Maximum power rating	10 W		
Frequency	50 / 60 Hz	50 / 60 Hz	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.		
<b>Safety</b>	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
<b>Emissions</b>	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; ICES-003 Class A	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; ICES-003 Class A	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; ICES-003 Class A
<b>Notes</b>	The HP V1405-24-2G Switch (JD020A) was formerly sold as the 3Com Baseline Switch 2026 (3CBLUF26) and may ship with this product labeling.	The HP V1405-5 Switch (JD866A) was formerly sold as the 3Com Switch 5 (3CFSU05) and may ship with this product labeling.	The HP V1405-8 Switch (JD867A) was formerly sold as the 3Com Switch 8 (3CFSU08) and may ship with this product labeling.

# HP V1405 Switch Series

## Specifications (continued)

	HP V1405-24-2G Switch (JD020A)	HP V1405-5 Switch (JD866A)	HP V1405-8 Switch (JD867A)
<b>Services</b>	<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>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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 software phone support (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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 software phone support (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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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>
<b>Standards and protocols</b> (applies to all products in series)	<p><b>General protocols</b></p> <p>IEEE 802.1p Priority</p> <p>IEEE 802.3i 10BaseT</p>	<p>IEEE 802.3u 100BASE-X</p>	<p>IEEE 802.3x Flow Control</p>



# HP V1405 Switch Series

## Specifications



HP V1405C-5G Switch (JD838A)



HP V1405C-8G Switch (JD841A)



HP V1405-16G Desktop Switch (JD844A)

	HP V1405C-5G Switch (JD838A)	HP V1405C-8G Switch (JD841A)	HP V1405-16G Desktop Switch (JD844A)
<b>Ports</b>	5 RJ-45 auto-sensing 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 auto-sensing 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 auto-sensing 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
<b>Physical characteristics</b>			
Dimensions	3.3(d) x 4.3(w) x 0.9(h) in. (8.38 x 10.92 x 2.29 cm)	3.2(d) x 5.6(w) x 0.9(h) in. (8.13 x 14.22 x 2.29 cm)	6.3(d) x 8.2(w) x 1.6(h) in. (16 x 20.83 x 4.06 cm)
Weight	0.4 lb. (0.18 kg)	0.44 lb. (0.2 kg)	1.9 lb. (0.86 kg)
<b>Memory and processor</b>	1 MB	1.5 MB	2 MB
<b>Mounting</b>	Desktop (rear port)	Desktop (rear port)	Desktop (rear port)
<b>Performance</b>			
100 Mb Latency	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ s
1000 Mb Latency	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ 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	4,096 entries	8,192 entries	8,192 entries
<b>Environment</b>			
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%, non-condensing	10% to 90%, non-condensing	10% to 90%, non-condensing
Non-operating/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)
Non-operating/Storage relative humidity	10% to 95%, non-condensing	10% to 95%, non-condensing	10% to 95%, non-condensing
<b>Electrical characteristics</b>			
Voltage	100-240 VAC	100-240 VAC	100-240 VAC
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
<b>Safety</b>	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
<b>Emissions</b>	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; ICES-003 Class A	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; ICES-003 Class A	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; ICES-003 Class A
<b>Notes</b>	The HP V1405C-5G Switch (JD838A) was formerly sold as the 3Com OfficeConnect Gigabit Switch 5 (3C1670500C) and may ship with this product labeling.	The HP V1405C-8G Switch (JD841A) was formerly sold as the 3Com OfficeConnect Gigabit Switch 8 (3C1670800C) and may ship with this product labeling.	The HP V1405-16G Desktop Switch (JD844A) was formerly sold as the 3Com OfficeConnect Gigabit Switch 16 (3C1671600A) and may ship with this product labeling.

## Specifications (continued)

	HP V1405C-5G Switch (JD838A)	HP V1405C-8G Switch (JD841A)	HP V1405-16G Desktop Switch (JD844A)
<b>Services</b>	<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>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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 software phone support (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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 software phone support (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 <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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>
<b>Standards and protocols</b> (applies to all products in series)	<b>General protocols</b> IEEE 802.1p Priority IEEE 802.3i 10BaseT	IEEE 802.3u 100BASE-X	IEEE 802.3x Flow Control

# HP V1405 Switch Series

## Specifications



HP V1405C-5 Switch (JD853A)



HP V1405C-8 Switch (JD856A)



HP V1405-16 Desktop Switch (JD858A)

	HP V1405C-5 Switch (JD853A)	HP V1405C-8 Switch (JD856A)	HP V1405-16 Desktop Switch (JD858A)
<b>Ports</b>	5 RJ-45 auto-sensing 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 auto-sensing 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 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Media Type: Auto-MDIX; Duplex: half or full
<b>Physical characteristics</b>			
Dimensions	3.3(d) x 4.3(w) x 0.9(h) in. (8.38 x 10.92 x 2.29 cm)	3.2(d) x 5.6(w) x 0.9(h) in. (8.13 x 14.22 x 2.29 cm)	6.3(d) x 8.2(w) x 1.6(h) in. (16 x 20.83 x 4.06 cm)
Weight	0.31 lb. (0.14 kg)	0.44 lb. (0.2 kg)	1.4 lb. (0.64 kg)
<b>Memory and processor</b>	384 KB	512 KB	1.6 MB
<b>Mounting</b>	Desktop (rear port)	Desktop (rear port)	Desktop (rear port)
<b>Performance</b>			
100 Mb Latency	< 5 $\mu$ s	< 5 $\mu$ s	< 5 $\mu$ 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	2,048 entries	2,048 entries	4,096 entries
<b>Environment</b>			
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%, non-condensing	10% to 90%, non-condensing	10% to 90%, non-condensing
Non-operating/Storage temperature	-40°F to 70°F (-40°C to 21.1°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Non-operating/Storage relative humidity	10% to 95%, non-condensing	10% to 95%, non-condensing	10% to 95%, non-condensing
<b>Electrical characteristics</b>			
Voltage	100-240 VAC	100-240 VAC	100-240 VAC
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
<b>Safety</b>	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
<b>Emissions</b>	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; ICES-003 Class A	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; ICES-003 Class A	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; ICES-003 Class A
<b>Notes</b>	The HP V1405C-5 Switch (JD853A) was formerly sold as the 3Com OfficeConnect Fast Ethernet Switch 5 (3C16790C) and may ship with this product labeling.	The HP V1405C-8 (JD856A) was formerly sold as the 3Com OfficeConnect Fast Ethernet Switch 8 (3C16791C) and may ship with this product labeling.	The HP V1405-16 Desktop Switch (JD858A) was formerly sold as the 3Com OfficeConnect Fast Ethernet Switch 16 (3C16792C) and may ship with this product labeling.
<b>Services</b>	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) 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)  Refer to the HP website at <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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.	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) 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)  Refer to the HP website at <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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.	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) 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)  Refer to the HP website at <a href="http://www.procurve.com/services">www.procurve.com/services</a> 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 V1405 Switch Series

## Specifications (continued)

	HP V1405C-5 Switch (JD853A)	HP V1405C-8 Switch (JD856A)	HP V1405-16 Desktop Switch (JD858A)
<b>Standards and protocols</b> (applies to all products in series)	<b>General protocols</b> IEEE 802.1p Priority IEEE 802.3i 10BaseT	IEEE 802.3u 100BASE-X	IEEE 802.3x Flow Control

## HP V1405 Switch Series accessories

### Cables

**NEW** HP .5 m Multimode OM3 LC/LC Optical Cable (AJ833A)

**NEW** HP 1 m Multimode OM3 LC/LC Optical Cable (AJ834A)

**NEW** HP 2 m Multimode OM3 LC/LC Optical Cable (AJ835A)

**NEW** HP 5 m Multimode OM3 LC/LC Optical Cable (AJ836A)

**NEW** HP 15 m Multimode OM3 LC/LC Optical Cable (AJ837A)

**NEW** HP 30 m Multimode OM3 LC/LC Optical Cable (AJ838A)

**NEW** HP 50 m Multimode OM3 LC/LC Optical Cable (AJ839A)

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