

## **NEW** ProCurve Switch 1400 Series

The ProCurve Switch 1400 series provides plug-and-play simplicity for high-bandwidth connectivity. The Switch 1400 series consists of two unmanaged switches. The 1400-24G is a 24-port 10/100/1000 switch with 22 10/100/1000 ports and 2 dual-personality ports. The 1400-8G is a small-form-factor switch with 8 10/100/1000 ports. Ideal for deployment in open spaces, both switches feature silent operation via a fanless design.



**NEW** ProCurve Switch 1400-24G (J9078A)



**NEW** ProCurve Switch 1400-8G (J9077A)

# ProCurve Switch 1400 Series

## Features and benefits

### Deployment flexibility

- **Small form factor:** ideal for desktop use; space-efficient for deployment flexibility (1400-8G)
- **Designed with no fan:** enables quiet operation for deployment in open spaces

### Ease of use

- **Unmanaged:** provides plug-and-play simplicity
- **10/100/1000 auto-sensing per port:** automatically detects and sets the speed for any 10Base-T, 100Base-TX, or 1000Base-T device
- **Comprehensive LED display with per-port indicators:** provides an at-a-glance view of status, activity, speed, and full-duplex operation

### Quality of Service (QoS)

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

### Connectivity

- **ProCurve/IEEE Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100/1000 ports
- **Jumbo packet support:** supports up to 9,216 byte frame size to improve performance of large data transfers

### Performance

- **High performance:** wire-speed performance provides maximized throughput for all PCs and servers
- **Half-/Full-duplex auto-negotiating capability on every port:** doubles the throughput of every port

### Industry-leading warranty

- **Lifetime warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)

## Services

Check [www.hp.com/go/procurveservices](http://www.hp.com/go/procurveservices) for part numbers and service-level descriptions. For details about services and response times in your area, please contact your local HP sales office.

## Accessories

Accessories only apply to 1400-24G (J9078A).

**ProCurve Gigabit-SX-LC Mini-GBIC (J4858B)**

**ProCurve Gigabit-LX-LC Mini-GBIC (J4859B)**

**ProCurve Gigabit-LH-LC Mini-GBIC (J4860B)**

# ProCurve Switch 1400 Series

## Specifications



**ProCurve Switch 1400-24G (J9078A)**



**ProCurve Switch 1400-8G (J9077A)**

|   |  |  |
|---|--|--|
| <b>Ports</b>                            | 22 10/100/1000 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab 1000Base-T Gigabit Ethernet)<br>2 dual-personality ports—each port can be used as either an RJ-45 10/100/1000 port (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-TX; IEEE 802.3ab 1000Base-T Gigabit Ethernet) or an open mini-GBIC slot (for use with mini-GBIC transceivers) | 8 10/100/1000 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab 1000Base-T Gigabit Ethernet)  |
| <b>Physical characteristics</b>         |  |  |
| Dimensions (D x W x H)                  | 17.12 x 44.25 x 4.39 cm (6.74 x 17.42 x 1.73 in.) (1U height)  | 11.63 x 19.63 x 4.39 cm (4.58 x 7.73 x 1.73 in.) (1U height)   |
| Weight                                  | 1.99 kg (4.38 lb.)   | 0.54 kg (1.19 lb.)   |
| <b>Memory and processor</b>             |  |  |
| Packet buffer size                      | 500 KB   | 144 KB   |
| RAM/ROM capacity                        | 128 KB   | 128 KB   |
| <b>Mounting</b>                         | Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)   | Horizontal surface mounting only   |
| <b>Performance</b>                      |  |  |
| Latency                                 |  |  |
| 100 Mb latency                          | <4.7 $\mu$ s (64-byte packets)   | <3.9 $\mu$ s (64-byte packets)   |
| 1000 Mb latency                         | <3.0 $\mu$ s (64-byte packets)   | <2.1 $\mu$ s (64-byte packets)   |
| Throughput                              | Up to 35.7 million pps   | Up to 11.9 million pps   |
| Switching capacity                      | 48 Gbps  | 16 Gbps  |
| MAC address table size                  | 8,000 entries  | 8,000 entries  |
| <b>Environment</b>                      |  |  |
| Operating temperature                   | 0°C to 40°C (32°F to 104°F)  | 0°C to 40°C (32°F to 104°F)  |
| Operating relative humidity             | 15% to 95% @ 40°C (104°F), non-condensing  | 15% to 95% @ 40°C (104°F), non-condensing  |
| Non-operating/Storage temperature       | -40°C to 70°C (-40°F to 158°F)   | -40°C to 70°C (-40°F to 158°F)   |
| Non-operating/Storage relative humidity | 10% to 90% @ 65°C (149°F), non-condensing  | 10% to 90% @ 65°C (149°F), non-condensing  |
| Altitude                                | Up to 3 km (10,000 ft.)  | Up to 3 km (10,000 ft.)  |
| Acoustic                                | Power: 0 dB, no fan  | Power: 0 dB, no fan  |
| <b>Electrical characteristics</b>       |  |  |
| Maximum heat dissipation                | 85.46 kJ/hr (81 BTU/hr)  | 64.36 kJ/hr (61 BTU/hr)  |
| Voltage                                 | 100–240 VAC  | 100–127 VAC/200–240 VAC  |
| Current                                 | 0.75 A/0.4 A   | 1.0 A/0.8 A  |
| Power consumption                       | 24 W   | 18 W   |
| Frequency                               | 50/60 Hz   | 50/60 Hz   |
| Notes                                   | N/A  | The exact input voltage and frequency rating are determined by the specific power adapter part number ordered. Please select the correct power adapter country option. |
| <b>Safety</b>                           | CSA 22.2 No. 60950; EN 60950/IEC 60950; UL 60950   |  |
| <b>Emissions</b>                        | FCC Rules Part 15, Subpart B Class A; EN55022; VCCI; ICES-003 (Canada)   |  |
| <b>Immunity</b>                         |  |  |
| EN                                      | EN55024, CISPR 24  | EN55024, CISPR 24  |
| ESD                                     | IEC 61000-4-2  | IEC 61000-4-2  |
| Radiated                                | IEC 61000-4-3  | IEC 61000-4-3  |
| EFT/Burst                               | IEC 61000-4-4  | IEC 61000-4-4  |
| Surge                                   | IEC 61000-4-5  | IEC 61000-4-5  |
| Conducted                               | IEC 61000-4-6  | IEC 61000-4-6  |
| Power frequency magnetic field          | IEC 61000-4-8  | IEC 61000-4-8  |
| Voltage dips and interruptions          | IEC 61000-4-11   | IEC 61000-4-11   |
| Harmonics                               | IEC61000-3-2   | IEC61000-3-2   |
| Flicker                                 | IEC61000-3-3   | IEC61000-3-3   |
| <b>Standards and protocols</b>          | IEEE 802.3x Flow Control; IEEE 802.1p Priority   |  |
| <b>Notes</b>                            | Use only supported genuine ProCurve mini-GBICs with your switch.   |  |

**For more information**

To learn more about ProCurve  
Networking, please visit  
**[www.hp.com/eur/procurve](http://www.hp.com/eur/procurve)**

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