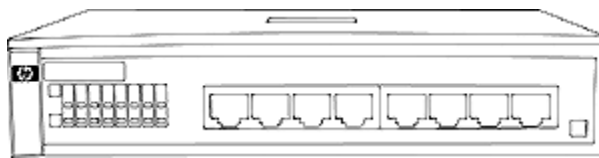


Overview



Models

HP ProCurve Switch 408

J4097B

Key features

- Unmanaged plug-and-play operation
- Eight 10/100 ports
- Compact and quiet fanless design
- Industry-leading warranty

Introduction

The HP ProCurve Switch 408 is a compact, unmanaged 8-port 10/100 switch that offers half-/full-duplex 10/100 auto-sensing on every port and ProCurve Auto-MDIX on all ports for easy expansion. It is ideal for building small networks or connecting peripherals with any combination of 10 Mb and 100 Mb devices.

Features and Benefits

Industry-leading warranty*

Connectivity

- **Auto-sensing:** 10/100 auto-sensing per port automatically detects and sets the speed for any 10Base-T or 100Base-TX device
- **ProCurve Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100 ports

Performance

- **Switch design:** delivers dedicated bandwidth to each device and uses segmentation to improve network utilization
- **Auto-negotiation:** half-/full-duplex auto-negotiation on every port automatically doubles the throughput to each device, up to 200 Mbps

Ease of use

- **Flow control:** helps ensure reliable communications during full-duplex operation
- **Unmanaged:** provides plug-and-play simplicity
- **LED display:** comprehensive LED display with per-port indicators allows monitoring of status and activity of every port at a glance
- **Automatic polarity correction:** helps find and fix common cabling problems
- **Compact:** small footprint allows multiple mounting configurations on a flat surface, side by side, or in a standard rack

Warranty and support

- **ProCurve Lifetime Warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries).
- **Electronic and telephone support:** limited electronic and telephone support is available from HP. Refer to the HP Web site at www.procurve.com/support for details on the support provided and the period during which support is available.

* For as long as you own the product, with next-business-day advance replacement (available in most countries). The following hardware products and their related series modules have a one-year hardware warranty with extensions available:



Overview

HP ProCurve Routing Switch 9300m Series, HP ProCurve Switch 8100f Series, HP ProCurve Network Access Controller 800, and HP ProCurve DCM Controller. The following hardware mobility products have a one-year hardware warranty with extensions available: HP ProCurve M111 Client Bridge, HP ProCurve MSM3xx-R Access Points, HP ProCurve MSM7xx Mobility and Access Controllers, HP ProCurve RF Manager IDS/IPS Systems, HP ProCurve MSM Power Supplies, HP ProCurve 1-Port Power Injector, and HP ProCurve CNMS Appliances. Disk drives in the HP ProCurve ONE Services zI Modules have a five year hardware warranty. Standalone software, upgrades, or licenses may have a different warranty duration. For details, refer to the ProCurve Software License, Warranty, and Support booklet at www.procurve.com/warranty.

Services

3-year, 4-hour onsite, 13x5 coverage for hardware	H5484E
3-year, 4-hour onsite, 24x7 coverage for hardware	U6300E
3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support	U6299E
Installation with minimum configuration, system-based pricing	U4826E
Installation with HP-provided configuration, system-based pricing	U4830E

Refer to the HP Web site at www.procurve.com/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.

Technical Specifications

Ports	8 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
Physical characteristics	Dimensions (D x W x H) 7.8 x 4.8 x 1.6 in. (19.81 x 12.19 x 4.06 cm) (1U height) Weight 1.5 lb. (0.68 kg), Fully loaded
Memory and processor	32 KB per port
Mounting	Mounts in a standard 19 in. rack with optional four-way mounting kit
Performance	Switching capacity 1.6 Gbps Routing table size 1,000 entries
Environment	Operating temperature 32°F to 104°F (0°C to 40°C) Operating relative humidity 15% to 95% @ 104° F (40° C), non-condensing Non-operating/ Storage temperature -40° to 158° F (-40° to 70° C) Non-operating/ Storage relative humidity 15 % to 90 % @ 149° F (65° C), non-condensing Shock and vibration EN 60068 (IEC 68) Altitude up to 10,000 ft. (3 km)
Electrical characteristics	Maximum BTUs 52 BTU/hr (55 kJ/hr) Voltage 100-127 / 200-240 VAC Current 0.4 / 0.2 A Power consumption 15 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	CSA 950; EN 60950/IEC 60950; NOM-019-SCFI-1994; UL 1950
Emissions	FCC Class A; VCCI Class A; EN 55022/CISPR 22 Class A
Immunity	Generic EN 55024, CISPR 24 ESD IEC 61000-4-2; 4 kV CD, 8 kV AD Radiated IEC 61000-4-3; 3 V/m EFT/Burst IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line) Surge IEC 61000-4-5; 1 kV/2 kV AC Conducted IEC 61000-4-6; 3 V Power frequency magnetic field IEC 61000-4-8; 1 A/m, 50 or 60 Hz Voltage IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods Harmonics EN 61000-3-2, IEC 61000-3-2 Flicker EN 61000-3-3, IEC 61000-3-3
Standards and protocols	General protocols IEEE 802.3x Flow Control

Technical Specifications

To learn more, visit www.hp.com/go/procurve

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