

At HP ProCurve, our goal is to provide your company with ideal solutions for a reliable, high-performing network—whatever your business size. Whether small and growing or a large-scale organization, ProCurve provides enterprise-grade quality products at affordable prices. This allows you to meet your immediate business objectives and quickly adapt as your organization changes and expands. As an HP business, ProCurve delivers environmentally sustainable products that are expertly engineered to reduce complexity, fortify security, boost productivity, and leverage industry standards.

Why HP ProCurve Networking?

With over 25 years in the networking infrastructure business, ProCurve invests in products, services, and solutions that meet—and anticipate—customers’ needs. Our commitment to delivering industry-leading price/performance and quality is undisputed, especially when you consider the following:

Best value with price/performance leadership

ProCurve products offer excellence in networking technology and are based on HP ProCurve Adaptive EDGE Architecture, providing affordable, scalable, and adaptive solutions for networks of all sizes.

Easy network integration

Eliminate the reliance on expensive, proprietary solutions. ProCurve products have a long history of supporting current and evolving industry standards for interoperability.

Leveraged, scalable solutions

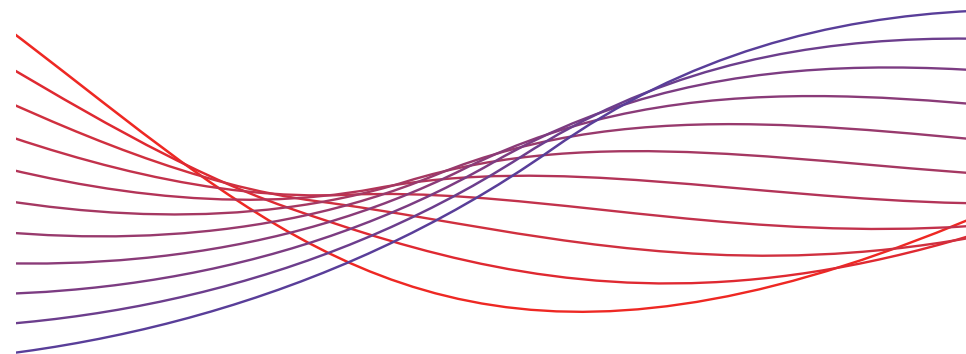
ProCurve solutions leverage your existing infrastructure components while helping you scale to meet growing demands.

Single network management console

Integrated instrumentation on all managed ProCurve products reduces management and troubleshooting costs.

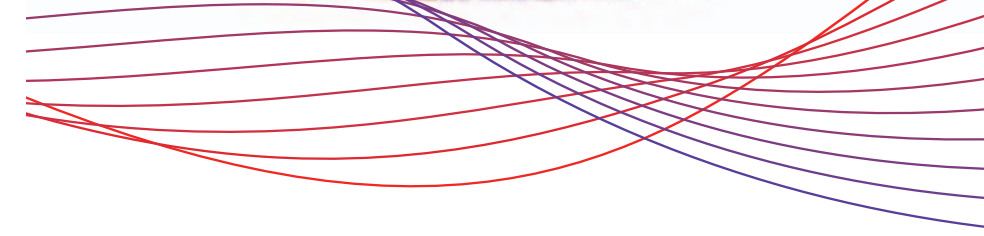
The ProCurve Lifetime Warranty

To protect your investments, ProCurve offers next-business-day advanced replacement, and phone and Web support at no additional cost. Software updates for ProCurve products are also available 24x7 at no extra charge, for as long as you own the product.



HP ProCurve Networking

Competitive Reference Guide versus Cisco Catalyst Switches



Why choose HP ProCurve switches?

HP ProCurve switches have a number of advantages that make them a superior choice for wired and wireless networks. ProCurve offers a wide range of networking products that can support a small and growing organization, or an enterprise business with thousands of nodes on several continents. Moreover, ProCurve switches are highly adaptable and interoperable, so they fit well in a multivendor environment. And they offer a full range of capabilities—from 10/100 to 10-Gigabit Ethernet links, Power over Ethernet (PoE) modules, and QoS for fully converged VoIP, video, and other multimedia.

Advanced management features in ProCurve switches improve productivity and reduce total cost of ownership. And ProCurve switches keep traffic and data secure while delivering mission-critical, enterprise-level availability. Plus, every switch comes with the ProCurve Lifetime Warranty.*

Better network security with ProCurve ProActive Defense

ProCurve's unique ProActive Defense solution fortifies the network from edge to core with automated protection, detection, and response. ProActive Defense is based on twin strategies of *defense*, including virus protection, device authentication, and other infrastructure security; and on *offense*, with such weapons as access control, Adaptive EDGE Architecture, and the integrated security and performance management of HP ProCurve Manager. ProActive Defense helps secure the network and protects data and integrity for all users, making it easier for companies to comply with—and verify compliance for—regulatory and other requirements.

Better network management with sFlow

A key element of ProCurve's security and management superiority is sFlow, the increasingly popular open-standard network traffic monitoring technology that provides greater insight into the network than either NetFlow or RMON. sFlow enables complete network-wide visibility into Layer 2, 3, 4 (and higher layer) information, as well as into bandwidth utilization, top talkers, protocols, and applications. This tool uses statistical sampling and forwards measurements to a central collector instead of trying to analyze data on the switch, so overhead and switch load are kept to a minimum. sFlow's extensible architecture means it can be used for wireless, storage, WAN, and other network types, in addition to LANs; and it is scalable to every port and up to speeds of 10 Gbps.

Better wired/wireless integration

The HP ProCurve Wireless Edge Services (WES) Module works in conjunction with ProCurve radio ports to provide centralized wireless LAN management of advanced wireless services. The WES Module provides investment protection by extending switch capabilities to include wireless network deployment. It also simplifies network management, allowing configuration of both wired and wireless network services from a single switch. The WES Module enables a resilient, highly secure, wired/wireless multi-service network.



* 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: HP ProCurve Routing Switch 9300m Series, HP ProCurve Switch 8100f Series, and HP ProCurve Network Access Controller 800. The following hardware mobility products have a one-year hardware limited 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, and HP ProCurve 1-Port Power Injector. Disk drives in the HP ProCurve ONE Services zl Module 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.

HP ProCurve Networking Switches vs. Cisco Catalyst Switches

| Cisco Catalyst Switch | Part number | Configuration description | HP ProCurve switch | Part number | Configuration description | ProCurve features and benefits | | | | | | | | | | | | |
|-------------------------|------------------|--|--------------------|-------------|--|--------------------------------|---|---|---|---|---|---|---|--|---|---|---|---|
| Fast Ethernet | | | | | | | | | | | | | | | | | | |
| 500-24TT | WS-CE500-24TT | 24 10/100 ports + 2 10/100/1000 ports | 2510-24 | J9019B | 24 10/100 ports + 2 dual-personality ports | \$ | & | A | | | | D | | | G | M | | |
| 2960-24TT | WS-C2960-24TT-L | 24 10/100 ports + 2 10/100/1000 ports | 2610-24 | J9085A | 24 10/100 ports + 2 10/100/1000 ports + 2 SFP slots | \$ | & | A | B | C | D | | | | G | H | M | |
| 3560-24PS | WS-C3560-24PS-S | 24 10/100 ports + 2 SFP slots | 2610-24-PWR | J9087A | 24 10/100 ports with PoE + 2 10/100/1000 ports + 2 SFP slots | \$ | & | A | B | C | D | | F | | G | H | M | |
| 500-24TT (x2) | WS-CE500-24TT | 48 10/100 ports + 4 10/100/1000 ports | 2510-48 | J9020A | 48 10/100 ports + 2 dual-personality ports | \$ | & | A | | | | D | | | G | M | | |
| 2960-48TT | WS-C2960-48TT-L | 48 10/100 ports + 2 10/100/1000 ports | 2610-48 | J9088A | 48 10/100 ports + 2 10/100/1000 ports + 2 SFP slots | \$ | & | A | B | C | D | | | | G | H | M | |
| 3560-48PS | WS-C3560-48PS-S | 48 10/100 ports PoE + 4 SFP slots | 2610-48-PWR | J9089A | 48 10/100 ports with PoE + 2 10/100/1000 ports + 2 SFP slots | \$ | & | A | B | C | D | | F | | G | H | M | |
| Gigabit Ethernet | | | | | | | | | | | | | | | | | | |
| 2960G-24TC | WS-C2960G-24TC-L | 20 10/100/1000 ports + 4 SFP slots or 10/100/1000 ports | 2810-24 | J9021A | 20 10/00/100 ports + 4 SFP slots or 10/100/1000 ports | \$ | & | A | B | | D | | | | G | H | M | |
| 2960G-24TC-L | WS-C2960G-24TC-L | 20 10/100/1000 ports + 4 SFP slots or 10/100/1000 ports | 2900-24G | J9049A | 20 10/100 ports + 4 dual-personality ports + 2 10-GbE ports + 2 X2 ports | & | | A | B | C | D | | | | G | H | M | N |
| 3560E-24PD-S | WS-C3560E-24PD-S | 24 10/100/1000 ports + 4 SFP slots | 3500yl-24G-PWR | J8692A | 20 10/100/1000 ports with PoE + 4 dual-personality ports + 4 10-GbE ports | & | | A | B | C | D | E | F | | G | H | M | N |
| 2948G-GE-TX | WS-C2948G-GE-TX | 48 10/100 ports + 2 10/100/1000 ports | 2810-48 | J9022A | 44 10/00/100 ports + 4 SFP slots or 10/100/1000 ports | \$ | & | A | B | | D | | | | G | H | M | |
| 2960G-48TC-L | WS-C2960G-48TC-L | 48 10/100 ports + 2 dual-purpose uplink ports | 2900-48G | J9050A | 44 10/100 ports + 4 dual-personality ports + 2 10-GbE ports + 2 X2 ports | & | | A | B | C | D | | | | G | H | M | N |
| 3750G-48TS | WS-C3750G-48TS-S | 48 10/100/1000 ports + 4 SFP slots | 3500yl-48G-PWR | J8693A | 44 10/100/1000 ports with PoE + 4 dual-personality ports + 4 10-GbE ports | & | | A | B | C | D | E | F | | G | H | M | N |
| 3560G-48TS-S | WS-C3560G-48TS-S | 48 10/100/1000 ports + 4 SFP slots | 4204vl-48GS | J9064A | 44 10/100/1000 ports + 4 dual-personality ports + 2 open module slots | \$ | & | A | B | C | D | | | | G | H | M | |
| 4948-10GE | WS-C4948-10GE-S | 44 10/100/1000 + 4 SFP slots or 10/100/1000 ports + 2 10-GbE slots | 5406zl-48G | J8699A | 48 10/100/1000 ports with PoE + 4 open module slots | & | | A | B | C | D | E | F | | G | H | M | N |
| 3560G-48TS-S | WS-C3560G-48TS-S | 48 10/100/1000 ports + 4 SFP slots | 4208vl-72GS | J9030A | 68 10/100/1000 ports + 4 SFP slots + 5 open module slots | \$ | & | A | B | C | D | | | | G | H | M | |
| 4506E | WS-C4506-E | Up to 240 ports of any access type | 5412zl-96G | J8700A | 96 10/100/1000 ports with PoE + 8 open module slots | & | | A | B | C | D | E | F | | G | H | M | N |
| 4500R-E | WS-C4507R-E | Up to 240 ports of PoE with dual supervisor engines | 8212zl | J8715A | Up to 288 10/100/100 PoE ports with dual fabric modules (12 open module slots) | & | | A | B | C | D | E | F | | G | H | M | N |
| Catalyst 6509 | Multiple | Varies | 8212zl | J8715A | Up to 288 10/100/100 PoE ports with dual fabric modules (12 open module slots) | & | | A | B | C | D | E | F | | G | H | M | N |

Features and benefits

- \$ Price-competitive option
- & Network-level security and troubleshooting functions
- A HP ProCurve Manager software
- B Enhanced integrated security
- C Dynamic ARP protection
- D Intelligent Quality of Service
- E Dynamic IP routing functions
- F IEEE 802.3af Power over Ethernet
- G Interconnect using standard cabling
- H Access control features
- M Multiple Spanning Tree Protocols
- N IPv6 support