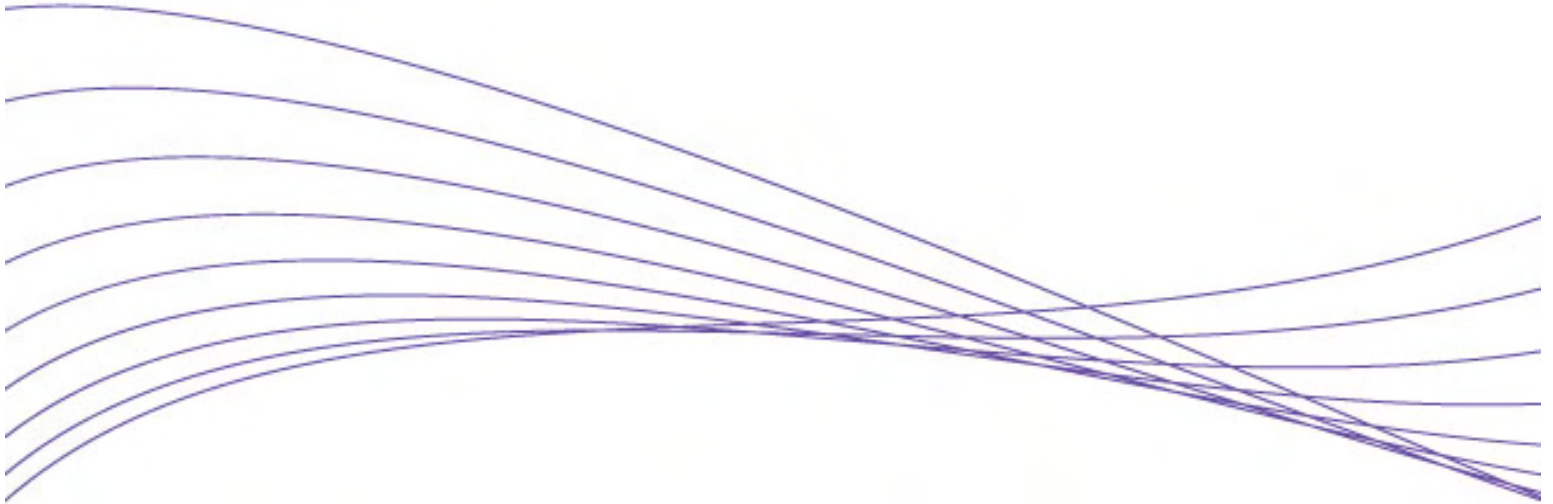


ProCurve Switch 2124

The ProCurve Switch 2124 is a low-cost, unmanaged 24-port switch with 10/100 auto-sensing per port and 1 open transceiver slot for a 100Base-FX uplink. The ProCurve Switch 2124 offers ProCurve Auto-MDIX on all 10/100 ports.



ProCurve Switch 2124 (J4868A)



ProCurve Switch 2124

Features and benefits

Connectivity

- **24 auto-sensing 10/100 ports:** provide high-performance switching
- **ProCurve Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100 ports
- **Full scalability:** optional 100Base-FX fiber-optic (full-duplex bandwidth) transceiver enables low-cost uplink connectivity into a wiring closet up to 2 km away

Performance

- **Low-cost/High-performance:** combines affordability, scalability, and ease of use

Ease of use

- **Unmanaged:** provides plug-and-play simplicity
- **Use on desktop or rack-mounted:** quiet operation enables flexible use
- **1U form factor:** the industry's most frequently requested size

Industry-leading warranty

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

Services

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

ProCurve Switch 2124

Specifications

Ports

24 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX)
1 open transceiver slots

Physical characteristics

Dimensions
8.0(d) x 17.4(w) x 1.8(h) in.
(20.32 x 44.2 x 4.57 cm) (1U height)
Weight
8.25 lb. (3.74 kg)

Memory and processor

Packet buffer size: 768 KB

Mounting

Mounts in a standard 19 in. rack (hardware included)

Performance

Latency:

- <8.5 μ s (LIFO)
Switching capacity: 2.6 Gbps
Routing table size: 4,096 entries

Environment

Operating
- Temperature: 32°F to 131°F (0°C to 55°C)
- Relative humidity: 15% to 95% @ 104°F (40°C), non-condensing
Non-operating/Storage
- Temperature: -40°F to 158°F (-40°C to 70°C)

- Relative humidity: 90% to 90% @ 149°F (65°C), non-condensing
Shock: HP759, HP760 (similar to EN 60068 IEC 68)
Acoustic: DIN 27779 per ISO 7779 42 dB

Electrical characteristics

Max heat dissipation: 341 BTU/hr
Voltage: 100-240 VAC
Current: 1.0 A
Power consumption: 100 W
Frequency: 50/60 Hz

Safety

cUL (CSA 950); EN 60950/IEC 60950; NOM-019-SCFI-1994; UL 1950 3rd edition

Emissions

FCC Class A;
EN55022/CISPR-22 Class A;
VCCI Class A

Immunity

Generic: EN55024, CISPR 24
EN: EN55024, CISPR 24
ESD: IEC 61000-4-2; 4 kV CD, 8 kV AD
Radiated: IEC 61000-4-3; 3V/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; 3V

Power frequency magnetic field: IEC 61000-4-8; 1A/m, 50 or 60 Hz
Voltage dips and interruptions: IEC 61000-4-11; >95% reduction, 0.5 period, 30%
Harmonics: EN61000-3-2, IEC61000-3-2
Flicker: EN61000-3-3, IEC61000-3-3

Standards and protocols

IEEE 802.3x Flow Control

ProCurve Switch 2124

Accessories



ProCurve 100-FX SC Transceiver (J4853A)
with one 100Base-FX port

Ports

1 100Base-FX ports (IEEE 802.3u Type 100Base-FX)

Connector: SC

Duplex: half or full

Physical characteristics

Dimensions: 3.8 (d) x 2.05 (w) x 0.95 (h) in.
(9.65 x 5.21 x 2.41 cm)

Weight: 0.09 lb. (0.04 kg)

Cabling

62.5/125 μm or 50/125 μm (core/cladding) diameter, graded-index, low metal content, multimode fiber optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively

Maximum distance

2 km (full duplex) or 412 m (half duplex)

Notes

Full duplex only when installed in unmanaged switches and ProCurve Switch 2500 series

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