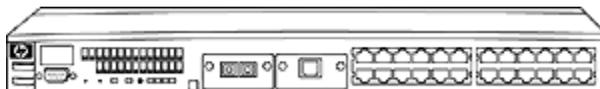
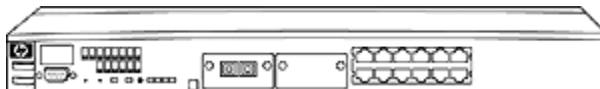


### Overview

ProCurve Switch 2324



ProCurve Switch 2312



### Models

ProCurve Switch 2324	J4818A
ProCurve Switch 2312	J4817A

### Introduction

The ProCurve Switch 2300 series consists of low-cost, unmanaged 24- and 12-port switches with 10/100 auto-sensing per port and 2 open transceiver slots for Gigabit or 100Base-FX uplinks. The ProCurve Switch 2324 and Switch 2312 offer ProCurve Auto-MDIX on all 10/100 ports.

### Features and Benefits

#### Connectivity

- **10/100 auto-sensing per port:** automatically detects and sets the speed for any 10Base-T or 100Base-TX device
- **Media-flexible uplink ports:** provides Gigabit or 100Base-FX ports for uplinks or server connections
- **ProCurve Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100 ports

#### Performance

- **9.6 Gbps switch fabric integrated on-chip:** high-performance switch design with a non-blocking architecture
- **Half-/Full-duplex auto-negotiating capability on every port:** double the throughput of every port

#### Ease of use

- **Unmanaged:** provides plug-and-play simplicity
- **Flow control:** helps ensure reliable communication during full-duplex operation
- **Comprehensive LED display with per-port indicators:** provides an at-a-glance view of status, activity, speed, and full-duplex operation
- **Lifetime warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)

### Accessories

ProCurve Switch Gigabit Stacking Kit	J4116A
ProCurve Gigabit-SX Transceiver	J4131B
ProCurve Gigabit-LX Transceiver	J4132A
ProCurve 100/1000-T Transceiver	J4834A
ProCurve 100-FX SC Transceiver	J4853A

**NOTE:** Please see the [ProCurve Transceivers QuickSpec](#) for more details.

### Overview

### 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

Check <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.

### Technical Specifications

		<b>ProCurve Switch 2324 (J4818A)</b>	<b>ProCurve Switch 2312 (J4817A)</b>
<b>Ports</b>		24 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX) 2 open transceiver slots 1 RS-232C DB-9 console port	12 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX) 2 open transceiver slots 1 RS-232C DB-9 console port
<b>Dimensions (D x W x H)</b>		8.0 x 17.4 x 1.75 in. (20.32 x 44.2 x 4.45 cm) (1U height)	8.0 x 17.4 x 1.75 in. (20.32 x 44.2 x 4.45 cm) (1U height)
<b>Weight</b>		6.0 lb. (2.7 kg)	6.0 lb. (2.7 kg)
<b>Memory and Processor</b>	Processor type and speed	ARM7TDMI @ 62.5 MHz	ARM7TDMI @ 62.5 MHz
	Packet buffer size	6 MB	6 MB
	RAM/ROM capacity	26 MB	26 MB
	Flash capacity	2 MB	2 MB
<b>Mounting</b>		Mounts in a standard 19 in. rack (hardware included)	Mounts in a standard 19 in. rack (hardware included)
<b>Performance</b>	Latency	<10 $\mu$ s (LIFO)	<10 $\mu$ s (LIFO)
	Throughput	6.6 million pps	4.8 million pps
	Switching capacity	9.6 Gbps	9.6 Gbps
	Routing table size	4,096 entries	4,096 entries
<b>Environment</b>	Operating temperature	32° to 131° F (0° to 55° C)	32° to 131° F (0° to 55° C)
	Operating relative humidity	15% to 95% @ 104° F (40° C), non-condensing	15% to 95% @ 104° F (40° C), non-condensing
	Non-operating/Storage temperature	-40° to 158° F (-40° to 70° C)	-40° to 158° F (-40° to 70° C)
	Non-operating/Storage relative humidity	15% to 90% @ 149° F (65° C), non-condensing	15% to 90% @ 149° F (65° C), non-condensing
	Shock and vibration	HP759, HP760 (similar to EN 60068, IEC 68)	HP759, HP760 (similar to EN 60068, IEC 68)
<b>Electrical characteristics</b>	Maximum BTUs	123 BTU/hr	123 BTU/hr
	Voltage	100–127 VAC/200–240 VAC	100–127 VAC/200–240 VAC
	Current	2.4 A/1.2 A	2.4 A/1.2 A
	Power consumption	36 W	36 W
	Frequency	50/60 Hz	50/60 Hz
<b>Safety</b>		cUL (CSA 950); EN 60950/IEC 60950;NOM-019-SCFI-1994; UL 1950 3rd edition	cUL (CSA 950); EN 60950/IEC 60950;NOM-019-SCFI-1994; UL 1950 3rd edition
<b>Emissions</b>		FCC Class A; EN55022/CISPR-22 Class A; VCCI Class A	FCC Class A; EN55022/CISPR-22 Class A; VCCI Class A

### Technical Specifications

<b>Immunity</b>	Generic	EN55024, CISPR 24	EN55024, CISPR 24
	ESD	IEC 61000-4-2; 4 kV CD, 8 kV AD	IEC 61000-4-2; 4 kV CD, 8 kV AD
	Radiated	IEC 61000-4-3; 3V/m	IEC 61000-4-3; 3V/m
	EFT/Burst	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)
<b>Standards and protocols</b>		IEEE 802.3X Flow Control	IEEE 802.3X Flow Control

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