

HP ProCurve Switch 4100gl Series



HP ProCurve Switch 4160gl (J8152A)



HP ProCurve Switch 4140gl (J8151A)



HP ProCurve Switch 4108gl bundle (J4861A)



HP ProCurve Switch 4148gl (J4888A)



HP ProCurve Switch 4108gl (J4865A)



HP ProCurve Switch 4104gl (J4887A)

HP ProCurve Switch 4100gl Series

The HP ProCurve Switch 4100gl series is convergence-ready and easy to use in compact 8-slot and 4-slot modular form factors. Based on HP Fast Path Technology, these switches provide reliable, high-performance, high-density 10 Mbit, 100 Mbit, or Gigabit connectivity for a growing network. The Switch 4100gl series is the low-cost, modular alternative to stackable switches and includes a lifetime warranty.

Features and benefits

- **Basic IP routing:** enables automatic routing with up to 16 external routes—including one default route—in IP networks
- **Traffic prioritization (802.1p):** allows real-time traffic classification into 8 priority levels mapped to 3 queues
- **Fast Path Technology:** wire-speed switching of intra-module traffic for up to 71.4 million pps throughput
- **Fast switch fabric:** high-performance switch fabric (up to 36.6 Gbps)
- **Hot-swappable modules:** permit modules and mini-GBICs to be added or swapped without interrupting the network
- **Dual flash images:** provide independent primary and secondary OS files for backup while upgrading
- **Optional redundant power supply:** provides uninterrupted power
- **VLAN support and tagging:** support complete 802.1Q (4,096 VLAN IDs) and 256 VLANs simultaneously
- **802.3ad Link Aggregation Control Protocol (LACP) and HP trunking:** support up to 6 trunks, each with up to 4 links (ports) per trunk; trunking across modules is supported

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Features and benefits (*continued*)

- **Port security:** prevents unauthorized access using MAC address lockdown
- **TACACS+:** eases switch management security administration by using a password authentication server
- **Secure Shell (SSHv2):** encrypts all transmitted data for secure remote access over IP networks
- **Secure Sockets Layer (SSL):** encrypts all HTTP traffic, allowing secure access to the browser-based management GUI in the switch
- **Secure access to manage the 4100gl series:** all access methods—CLI, GUI, or MIB—are securely encrypted through SSHv2, SSL, and/or SNMPv3
- **HP Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports
- **Stacking capability:** single IP address management for a virtual stack of up to 16 switches, including the 2500 series, 2600 series, 2800 series, 4000m, 6108, 8000m, and 4100gl series
- **Lifetime warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)

Services

HP ProCurve Switch 4108gl and Switch 4108gl Bundle

- 3-year, 4-hour onsite, 13 x 5 coverage, 13 x 5 phone support, for hardware (H7675A/E)
- 3-year, 4-hour onsite, 24 x 7 coverage, 24 x 7 phone support, for hardware (H7676A/E)
- 3-year, 4-hour onsite, 24 x 7 coverage for hardware, 24 x 7 software phone support (U6320A/E)
- Installation with minimum configuration, system-based pricing (U4827A/E)
- Installation with HP-provided configuration, system-based pricing (U4831A/E)

HP ProCurve Switch 4104gl and Switch 4148gl

- 3-year, 4-hour onsite, 13 x 5 coverage, 13 x 5 phone support, for hardware (U2855A/E)
- 3-year, 4-hour onsite, 24 x 7 coverage, 24 x 7 phone support, for hardware (U2856A/E)
- 3-year, 4-hour onsite, 24 x 7 coverage for hardware, 24 x 7 software phone support (U6304A/E)
- Installation with minimum configuration, system-based pricing (U4827A/E)
- Installation with HP-provided configuration, system-based pricing (U4831A/E)

For details about services and response times in your area, please contact your local HP sales office.

HP ProCurve Switch 4100gl Series



Specifications

	HP ProCurve Switch 4160gl (J8152A)	HP ProCurve Switch 4108gl bundle (J4861A)	HP ProCurve Switch 4108gl (J4865A)
Ports	60 RJ-45 10/100/1000 ports (3 x J4908A), 6 mini-GBIC slots 5 open module slots	72 10/100 ports (3 x J4862B), 3 transceiver ports (1 x J4864A) 4 open module slots	8 open module slots
Maximum ports	Supports a maximum of 192 10/100 ports or 160 Gigabit ports and 16 mini-GBICs, or a combination	Supports a maximum of 192 10/100 ports or 160 Gigabit ports and 16 mini-GBICs, or a combination	Supports a maximum of 192 10/100 ports or 160 Gigabit ports and 16 mini-GBICs, or a combination
Physical characteristics			
Dimensions	44.2 x 38.9 x 22.23 cm (17.4 x 15.3 x 8.75 in.) (5U height)	44.2 x 38.9 x 22.23 cm (17.4 x 15.3 x 8.75 in.) (5U height)	44.2 x 38.9 x 22.23 cm (17.4 x 15.3 x 8.75 in.) (5U height)
Weight (fully loaded)	13.9 kg (30.6 lb.)	10.4 kg (22.9 lb.)	9.4 kg (20.7 lb.)
Memory and processor			
Fabric	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM
Module	IDT MIPS32 @ 125 MHz, 512 KB flash, 512 KB SRAM	IDT MIPS32 @ 125 MHz, 512 KB flash, 512 KB SRAM	IDT MIPS32 @ 125 MHz, 512 KB flash, 512 KB SRAM
Packet buffer size	1 MB	1 MB	1 MB
Mounting	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only
Performance			
Latency	<10.2 μs (FIFO 64-byte packets)	<10.2 μs (FIFO 64-byte packets)	<10.2 μs (FIFO 64-byte packets)
Throughput	Up to 71.4 mpps	Up to 71.4 mpps	Up to 71.4 mpps
Switch fabric speed	36.6 Gbps	36.6 Gbps	36.6 Gbps
Address table size	8,000 entries	8,000 entries	8,000 entries
Environment			
Operating temperature	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)
Operating relative humidity	15% to 95% @ 40°C (104°F), non-condensing	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)	-40°C to 70°C (-40°F to 158°F)
Non-operating/storage relative humidity	15% to 95% @ 65°C (149°F), non-condensing	15% to 95% @ 65°C (149°F), non-condensing	15% to 95% @ 65°C (149°F), non-condensing
Altitude	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)
Electrical characteristics			
Maximum BTUs	2,152 BTU/hr	2,152 BTU/hr	2,152 BTU/hr
Voltage	100–127 VAC/200–240 VAC	100–127 VAC/200–240 VAC	100–127 VAC/200–240 VAC
Current	8.2A/3.8A	8.2A/3.8A	8.2A/3.8A
Power	630W	630W	630W
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Safety	cUL (CSA 950); EN 60950/IEC 950; NOM-019-SCFI-1994; UL 1950 3rd edition	cUL (CSA 950); EN 60950/IEC 950; NOM-019-SCFI-1994; UL 1950 3rd edition	cUL (CSA 950); EN 60950/IEC 950; NOM-019-SCFI-1994; UL 1950 3rd edition
Emissions	FCC Class A; EN 55022/CISPR 22 Class A; VCCI Class A	FCC Class A; EN 55022/CISPR 22 Class A; VCCI Class A	FCC Class A; EN 55022/CISPR 22 Class A; VCCI Class A
Immunity			
EN	55024/CISPR 24	55024/CISPR 24	55024/CISPR 24
ESD	IEC 61000-4-2, 4 kV CD, 8 kV AD	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	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)	IEC 61000-4-4, 1.0 kV (power line), 0.5 kV (signal line)
Surge	IEC 61000-4-5, 1 kV/2 kV AC	IEC 61000-4-5, 1 kV/2 kV AC	IEC 61000-4-5, 1 kV/2 kV AC
Conducted	IEC 61000-4-6, 3V	IEC 61000-4-6, 3V	IEC 61000-4-6, 3V
Power frequency magnetic field	IEC 61000-4-8, 1A/m, 50 or 60 Hz	IEC 61000-4-8, 1A/m, 50 or 60 Hz	IEC 61000-4-8, 1A/m, 50 or 60 Hz
Voltage dips and interruptions	IEC 61000-4-11, >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11, >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11, >95% reduction, 0.5 period; 30% reduction, 25 periods
Harmonics	EN 61000-3-2/IEC 61000-3-2	EN 61000-3-2/IEC 61000-3-2	EN 61000-3-2/IEC 61000-3-2
Flicker	EN 61000-3-3/IEC 61000-3-3	EN 61000-3-3/IEC 61000-3-3	EN 61000-3-3/IEC 61000-3-3
Management	HP ProCurve Manager (included); HP ProCurve Manager Plus; command line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)	HP ProCurve Manager (included); HP ProCurve Manager Plus; command line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)	HP ProCurve Manager (included); HP ProCurve Manager Plus; command line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)
Standards and protocols	RFC 783 TFTP; RFC 951 BootP; RFC 1542 BootP; RFC 854 Telnet; RFC 768 UDP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 2030 Simple Network Time Protocol; IEEE 802.3x Flow Control; DHCP Relay; RFC 2236 IGMPv1/v2; IEEE 802.1D Spanning Tree; IEEE 802.1w Rapid Convergence Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol; Cisco Fast EtherChannel® (FEC); RFC 1492 TACACS+; RFC 2138 RADIUS; RFC 2866 RADIUS accounting; SSHv1/SSHv2 Secure Shell; Secure Sockets Layer (SSL); IEEE 802.1X Network Login; IEEE 802.1Q VLAN tagging; IEEE 802.1Q GVRP; IEEE 802.1p Priority; SNMPv1/v2c/v3; HTML and telnet management; RFC 1493 Bridge MIB; RFC 1213 MIB II; RFC 2096 IP Forwarding Table MIB; RFC 2737 Entity MIB; RFC 2863 Evolution of Interface; RFC 2665 Ethernet MIB; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm), and 9 (events); RFC 2021 RMON probe configuration (RMON v2); RFC 2668 802.3 MAU MIB; RFC 2613 SMON; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB		

HP ProCurve Switch 4100gl Series



Specifications

	HP ProCurve Switch 4140gl (J8151A)	HP ProCurve Switch 4148gl (J4888A)	HP ProCurve Switch 4104gl (J4887A)
Ports	40 RJ-45 10/100/1000 ports (2 x J4908A), 4 mini-GBIC slots 2 open module slots	48 10/100 ports (2 x J4862B) 2 open module slots	4 open module slots
Maximum ports	Supports a maximum of 96 10/100 ports or 80 Gigabit ports and 8 mini-GBICs	Supports a maximum of 96 10/100 ports or 80 Gigabit ports and 8 mini-GBICs	Supports a maximum of 96 10/100 ports or 80 Gigabit ports and 8 mini-GBICs
Physical characteristics			
Dimensions	44.2 x 38.9 x 13.34 cm (17.4 x 15.3 x 5.25 in.) (3U height)	44.2 x 38.9 x 13.34 cm (17.4 x 15.3 x 5.25 in.) (3U height)	44.2 x 38.9 x 13.34 cm (17.4 x 15.3 x 5.25 in.) (3U height)
Weight (fully loaded)	10.4 kg (22.9 lb.)	7.13 kg (15.84 lb.)	6.7 kg (14.75 lb.)
Memory and processor			
Fabric	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM
Module	IDT MIPS32 @ 125 MHz, 512 KB flash, 8 MB SDRAM	IDT MIPS32 @ 125 MHz, 512 KB flash, 8 MB SDRAM	IDT MIPS32 @ 125 MHz, 512 KB flash, 8 MB SDRAM
Packet buffer size	512 KB	512 KB	512 KB
Mounting	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only
Performance			
Latency	<10.2 μs (FIFO 64-byte packets)	<10.2 μs (FIFO 64-byte packets)	<10.2 μs (FIFO 64-byte packets)
Throughput	Up to 71.4 mpps	Up to 35.7 mpps	Up to 35.7 mpps
Switch fabric speed	36.6 Gbps	18.3 Gbps	18.3 Gbps
Address table size	8,000 entries	8,000 entries	8,000 entries
Environment			
Operating temperature	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)
Operating relative humidity	15% to 95% @ 40°C (104°F), non-condensing	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)	-40°C to 70°C (-40°F to 158°F)
Non-operating/storage relative humidity	15% to 95% @ 149°F (65°C), non-condensing	15% to 95% @ 149°F (65°C), non-condensing	15% to 95% @ 149°F (65°C), non-condensing
Altitude	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)
Electrical characteristics			
Maximum BTUs	2,152 BTU/hr	2,152 BTU/hr	2,152 BTU/hr
Voltage	100–127 VAC/200–240 VAC	100–127 VAC/200–240 VAC	100–127 VAC/200–240 VAC
Current	8.2A/3.8A	8.2A/3.8A	8.2A/3.8A
Power	630W	630W	630W
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Safety	cUL (CSA 950); EN 60950/IEC 950; NOM-019-SCFI-1994; UL 1950 3rd edition	cUL (CSA 950); EN 60950/IEC 950; NOM-019-SCFI-1994; UL 1950 3rd edition	cUL (CSA 950); EN 60950/IEC 950; NOM-019-SCFI-1994; UL 1950 3rd edition
Emissions	FCC Class A; EN 55022/CISPR 22 Class A; VCCI Class A	FCC Class A; EN 55022/CISPR 22 Class A; VCCI Class A	FCC Class A; EN 55022/CISPR 22 Class A; VCCI Class A
Immunity			
EN	55024/CISPR 24	55024/CISPR 24	55024/CISPR 24
ESD	IEC 61000-4-2, 4 kV CD, 8 kV AD	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	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)	IEC 61000-4-4, 1.0 kV (power line), 0.5 kV (signal line)
Surge	IEC 61000-4-5, 1 kV/2 kV AC	IEC 61000-4-5, 1 kV/2 kV AC	IEC 61000-4-5, 1 kV/2 kV AC
Conducted	IEC 61000-4-6, 3V	IEC 61000-4-6, 3V	IEC 61000-4-6, 3V
Power frequency magnetic field	IEC 61000-4-8, 1A/m, 50 or 60 Hz	IEC 61000-4-8, 1A/m, 50 or 60 Hz	IEC 61000-4-8, 1A/m, 50 or 60 Hz
Voltage dips and interruptions	IEC 61000-4-11, >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11, >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11, >95% reduction, 0.5 period; 30% reduction, 25 periods
Harmonics	EN 61000-3-2/IEC 61000-3-2	EN 61000-3-2/IEC 61000-3-2	EN 61000-3-2/IEC 61000-3-2
Flicker	EN 61000-3-3/IEC 61000-3-3	EN 61000-3-3/IEC 61000-3-3	EN 61000-3-3/IEC 61000-3-3
Management	HP ProCurve Manager (included); HP ProCurve Manager Plus; command line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)	HP ProCurve Manager (included); HP ProCurve Manager Plus; command line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)	HP ProCurve Manager (included); HP ProCurve Manager Plus; command line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)
Standards and protocols	RFC 783 TFTP; RFC 951 BootP; RFC 1542 BootP; RFC 854 Telnet; RFC 768 UDP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 2030 Simple Network Time Protocol; IEEE 802.3x Flow Control; DHCP Relay; RFC 2236 IGMPv1/v2; IEEE 802.1D Spanning Tree; IEEE 802.1w Rapid Convergence Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol; Cisco Fast EtherChannel® (FEC); RFC 1492 TACACS+; RFC 2138 RADIUS; RFC 2866 RADIUS accounting; SSHv1/SSHv2 Secure Shell; Secure Sockets Layer (SSL); IEEE 802.1X Network Login; IEEE 802.1Q VLAN tagging; IEEE 802.1Q GVRP; IEEE 802.1p Priority; SNMPv1/v2c/v3; HTML and telnet management; RFC 1493 Bridge MIB; RFC 1213 MIB II; RFC 2096 IP Forwarding Table MIB; RFC 2737 Entity MIB; RFC 2863 Evolution of Interface; RFC 2665 Ethernet MIB; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm), and 9 (events); RFC 2021 RMON probe configuration (RMON v2); RFC 2668 802.3 MAU MIB; RFC 2613 SMON; RFC 2674 802.1p and IEEE 802.1Q Bridge MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB		

HP ProCurve Switch gl Modules and RPS



HP ProCurve Switch gl 10/100/1000 Module (J4908A)

with 20 10/100/1000 ports and 2 mini-GBIC slots

Ports

20 auto-sensing 10/100/1000 ports (IEEE 802.3 Type 10Base-T; 802.3u Type 100Base-TX; 802.3ab Type 1000Base-T)

2 open mini-GBIC slots

Connector: RJ-45

HP Auto-MDIX: yes

Duplex: half or full

Physical characteristics

Dimensions: 22.78 x 20.32 x 4.45 cm
(8.97 x 8.0 x 1.75 in.)

Weight: 0.567 kg (1.25 lb.)

Mini-GBICs supported (ordered separately)

- J4858A HP ProCurve Gigabit-SX-LC mini-GBIC
- J4859A HP ProCurve Gigabit-LX-LC mini-GBIC
- J4860A HP ProCurve Gigabit-LH-LC mini-GBIC

Cabling

Type:

- 10Base-T: Category 3 (or better), 100Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3 Type 10Base-T specifications
- 100Base-TX: Category 5 (or better), 100Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3u 100Base-TX
- 1000Base-T: Category 5 (5E or better recommended), 100Ω differential 4-pair unshielded twisted pair (UTP) or shielded twisted pair (STP) balanced, complying with IEEE 802.3ab 1000Base-T

Maximum distance: 100m



HP ProCurve Switch gl 10/100-TX Module (J4862B)

with 24 auto-sensing 10/100 ports

Ports

24 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T; 802.3u Type 100Base-TX)

Connector: RJ-45

HP Auto-MDIX: yes

Duplex: half or full

Physical characteristics

Dimensions: 22.78 x 20.32 x 4.45 cm
(8.97 x 8.0 x 1.75 in.)

Weight: 0.56 kg (1.24 lb.)

Cabling

Type:

- 10Base-T: Category 3 (or better), 100Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3 Type 10Base-T specifications
- 100Base-TX: Category 5 (or better), 100Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3u 100Base-TX

Maximum distance: 100m



HP ProCurve Switch gl Mini-GBIC Module (J4893A)

with 6 open mini-GBIC slots

Ports

6 open mini-GBIC slots

Physical characteristics

Dimensions: 22.78 x 20.32 x 4.45 cm
(8.97 x 8.0 x 1.75 in.)

Weight: 0.43 kg (0.96 lb.)

Mini-GBICs supported (ordered separately)

- J4858A HP ProCurve Gigabit-SX-LC mini-GBIC
- J4859A HP ProCurve Gigabit-LX-LC mini-GBIC
- J4860A HP ProCurve Gigabit-LH-LC mini-GBIC



HP ProCurve Switch gl 100/1000-T Module (J4863A)

with 6 auto-sensing 100/1000 ports

Ports

6 auto-sensing 100/1000 ports (IEEE 802.3u Type 100Base-TX; 802.3ab Type 1000Base-T)

Connector: RJ-45

HP Auto-MDIX: yes

Duplex:

- 100Base-TX: half or full
- 1000Base-T: full

Physical characteristics

Dimensions: 22.78 x 20.32 x 4.45 cm
(8.97 x 8.0 x 1.75 in.)

Weight: 0.45 kg (1.0 lb.)

Cabling

Type:

- 100Base-TX: Category 5 (or better), 100Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3u 100Base-TX
- 1000Base-T: Category 5 (5E or better recommended), 100Ω differential 4-pair unshielded twisted pair (UTP) or shielded twisted pair (STP) balanced, complying with IEEE 802.3ab 1000Base-T

Maximum distance: 100m

HP ProCurve Switch gl Modules and RPS



HP ProCurve Switch gl Transceiver Module (J4864A)

with 3 open transceiver slots

Ports

3 open transceiver slots

Physical characteristics

Dimensions: 22.78 x 20.32 x 4.45 cm

(8.97 x 8.0 x 1.75 in.)

Weight: 0.52 kg (1.16 lb.)

Transceivers supported (ordered separately)

- J4116A HP ProCurve Switch Gigabit stacking kit
- J4131B HP ProCurve Gigabit-SX transceiver
- J4132A HP ProCurve Gigabit-LX transceiver
- J4834A HP ProCurve 100/1000-T transceiver
- J4853A HP ProCurve 100-FX SC transceiver



HP ProCurve Switch gl 100-FX MTRJ Module (J4892A)

with 12 100Base-FX MTRJ ports

Ports

12 100Base-FX ports (IEEE 802.3u Type 100Base-FX)

Connector: MTRJ

Duplex: half or full

Physical characteristics

Dimensions: 22.78 x 20.32 x 4.45 cm

(8.97 x 8.0 x 1.75 in.)

Weight: 0.65 kg (1.45 lb.)

Cabling

Type: 62.5/125 μ m or 50/125 μ m (core/cladding) diameter, graded-index, 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 412m (half-duplex)

HP ProCurve Switch gl/xl Redundant Power Supply (J4839A)

not pictured

Physical characteristics

Dimensions: 20.07 x 16 x 12.7 cm

(7.9 x 6.3 x 5 in.)

Weight: 2.5 kg (5.55 lb.)

Electrical characteristics

- Voltage: 100–127 VAC/200–240 VAC
- Current: 8.2A/3.8A
- Frequency range: 50/60 Hz

For additional RPS specification information, see the data sheet for the product in which the RPS is being installed.

Additional accessories

HP ProCurve Gigabit-SX-LC Mini-GBIC (J4858A) See page 62 for details.

HP ProCurve Gigabit-LX-LC Mini-GBIC (J4859A) See page 62 for details.

HP ProCurve Gigabit-LH-LC Mini-GBIC (J4860A) See page 62 for details.

HP ProCurve Switch Gigabit Stacking Kit (J4116A) See page 63 for details.

HP ProCurve Gigabit SX Transceiver (J4131B) See page 63 for details.

HP ProCurve Gigabit LX Transceiver (J4132B) See page 63 for details.

HP ProCurve 100/1000-T Transceiver (J4834A) See page 64 for details.

HP ProCurve 100-FX SC Transceiver (J4853A) See page 64 for details.