

Technical Specifications

HP 5800-24G-PoE+ Switch (JC099A)

Ports	24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only	
	1 extended module slot	
	4 fixed 1000/10000 SFP+ ports	
	1 RJ-45 serial console port	
Physical characteristics	Dimensions	17.3(w) x 16.8(d) x 1.71(h) in (43.94 x 42.67 x 4.34 cm) (1U height)
	Weight	17.64 lb (8 kg)
Memory and processor	1024 MB SDRAM, 512 MB flash; packet buffer size: 4 MB	
Performance	Latency	4.02 μ s (Store and Forward) (64-byte packets)
	Throughput	155 million pps
	Routing/Switching capacity	208 Gbps
	Routing table size	16000 entries
	MAC address table size	32000 entries
Environment	Operating temperature	32°F to 113°F (0°C to 45°C)
	Operating relative humidity	10% to 90%
	Acoustic	Low-speed fan: 47.5 dB, High-speed fan: 52.4 dB
Electrical characteristics	Maximum heat dissipation	2968 BTU/hr (3131.24 kJ/hr)
	Voltage	100-120/200-240 VAC
	Frequency	50/60 Hz
Safety	UL 60950-1; EN 60825-1 Safety of Laser Products-Part 1; EN 60825-2 Safety of Laser Products-Part 2; IEC 60950-1; CAN/CSA-C22.2 No. 60950-1; Anatel; ULAR; GOST; EN 60950-1/A11; FDA 21 CFR Subchapter J; NOM; ROHS Compliance	
Emissions	VCCI Class A; EN 55022 Class A; ICES-003 Class A; ANSI C63.4 2003; AS/NZS CISPR22 Class A; EN 61000-3-2:2006; EN 61000-3-3:1995 +A1:2001+A2:2005; EMC Directive 2004/108/EC; FCC (CFR 47, Part 15) Class A	
Immunity	Generic	ETSI EN 300 386 V1.3.3
	EN	EN 55024:1998+ A1:2001 + A2:2003
	ESD	EN 61000-4-2; IEC 61000-4-2
	Radiated	EN 61000-4-3; IEC 61000-4-3
	EFT/Burst	EN 61000-4-4; IEC 61000-4-4
	Surge	EN 61000-4-5; IEC 61000-4-5
	Conducted	EN 61000-4-6; IEC 61000-4-6
	Power frequency magnetic field	IEC 61000-4-8; EN 61000-4-8
	Voltage dips and interruptions	EN 61000-4-11; IEC 61000-4-11
	Harmonics	EN 61000-3-2, IEC 61000-3-2

Technical Specifications

Flicker EN 61000-3-3, IEC 61000-3-3

Management IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; RMON1; FTP

Services

- 3-year, 4-hour onsite, 13x5 coverage for hardware (UV882E)
- 3-year, 4-hour onsite, 24x7 coverage for hardware (UV885E)
- 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UV888E)
- 3-year, 24x7 SW phone support, software updates (UV891E)
- 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR565E)
- 1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (HR566E)
- 4-year, 4-hour onsite, 13x5 coverage for hardware (UV883E)
- 4-year, 4-hour onsite, 24x7 coverage for hardware (UV886E)
- 4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UV889E)
- 4-year, 24x7 SW phone support, software updates (UV892E)
- 5-year, 4-hour onsite, 13x5 coverage for hardware (UV884E)
- 5-year, 4-hour onsite, 24x7 coverage for hardware (UV887E)
- 5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (UV890E)
- 5-year, 24x7 SW phone support, software updates (UV893E)
- 3 Yr 6 hr Call-to-Repair Onsite (UW969E)
- 4 Yr 6 hr Call-to-Repair Onsite (UW970E)
- 5 Yr 6 hr Call-to-Repair Onsite (UW971E)
- 1-year, 6 hour Call-To-Repair Onsite for hardware (HR568E)
- 1-year, 24x7 software phone support, software updates (HR567E)
- 1-year, 24x7 software phone support, software updates + Next Business Day Hardware Exchange (HS650E)
- 1-year, 24x7 software phone support, software updates + 4 hour hardware exchange (HS651E)
- 3-year, 24x7 software phone support, software updates + Next Business Day Hardware Exchange (HS652E)
- 3-year, 24x7 software phone support, software updates + 4 hour Hardware Exchange (HS653E)
- 4-year, 24x7 software phone support, software updates + Next Business Day Hardware Exchange (HS654E)
- 4-year, 24x7 software phone support, software updates + 4 hour Hardware Exchange (HS655E)
- 5-year, 24x7 software phone support, software updates + Next Business Day Hardware Exchange (HS656E)
- 5-year, 24x7 software phone support, software updates + 4 hour Hardware Exchange (HS657E)

Refer to the HP website at: www.hp.com/networking/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.

HP 5800-24G Switch (JC100A)

Ports 24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only

- 1 extended module slot
- 4 fixed 1000/10000 SFP+ ports
- 1 RJ-45 serial console port

Physical characteristics

Dimensions	17.32(w) x 14.35(d) x 1.72(h) in (44.0 x 36.45 x 4.36 cm) (1U height)
Weight	13.23 lb (6 kg)



Technical Specifications

Memory and processor	1024 MB SDRAM, 512 MB flash; packet buffer size: 4 MB	
Performance	Latency	4.02 μ s (Store and Forward) (64-byte packets)
	Throughput	155 million pps
	Routing/Switching capacity	208 Gbps
	Routing table size	16000 entries
	MAC address table size	32000 entries
Environment	Operating temperature	32°F to 113°F (0°C to 45°C)
	Operating relative humidity	10% to 90%
	Acoustic	Low-speed fan: 42.3 dB, High-speed fan: 52.9 dB
Electrical characteristics	Maximum heat dissipation	358 BTU/hr (377.69 kJ/hr)
	Voltage	100-120-240 VAC
	Frequency	50/60 Hz
Safety	UL 60950-1; EN 60825-1 Safety of Laser Products-Part 1; EN 60825-2 Safety of Laser Products-Part 2; IEC 60950-1; CAN/CSA-C22.2 No. 60950-1; Anatel; ULAR; GOST; EN 60950-1/A11; FDA 21 CFR Subchapter J; NOM; ROHS Compliance	
Emissions	VCCI Class A; EN 55022 Class A; ICES-003 Class A; ANSI C63.4 2003; AS/NZS CISPR22 Class A; EN 61000-3-2:2006; EN 61000-3-3:1995 +A1:2001+A2:2005; EMC Directive 2004/108/EC; FCC (CFR 47, Part 15) Class A	
Immunity	Generic	ETSI EN 300 386 V1.3.3
	EN	EN 55024:1998+ A1:2001 + A2:2003
	ESD	EN 61000-4-2; IEC 61000-4-2
	Radiated	EN 61000-4-3; IEC 61000-4-3
	EFT/Burst	EN 61000-4-4; IEC 61000-4-4
	Surge	EN 61000-4-5; IEC 61000-4-5
	Conducted	EN 61000-4-6; IEC 61000-4-6
	Power frequency magnetic field	IEC 61000-4-8; EN 61000-4-8
	Voltage dips and interruptions	EN 61000-4-11; IEC 61000-4-11
	Harmonics	EN 61000-3-2, IEC 61000-3-2
Flicker	EN 61000-3-3, IEC 61000-3-3	
Management	IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; RMON1; FTP	
Services	3-year, 4-hour onsite, 13x5 coverage for hardware (UV882E)	
	3-year, 4-hour onsite, 24x7 coverage for hardware (UV885E)	
	3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (UV888E)	
	3-year, 24x7 SW phone support, software updates (UV891E)	
	1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR565E)	
1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (HR566E)		
Installation with minimum configuration, system-based pricing (UW451E)		