

### Technical Specifications

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, 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](http://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.

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### HP 5800-48G-PoE+ Switch with 1 Interface Slot (JC104A)

|                                 |  |
|---------------------------------|--|
| <b>Ports</b>                    | 48 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  |
| <b>Physical characteristics</b> | <b>Dimensions</b> 17.32(w) x 16.81(d) x 1.72(h) in (44.0 x 42.7 x 4.36 cm) (1U height)   |
|                                 | <b>Weight</b> 18.74 lb (8.5 kg)  |
| <b>Memory and processor</b>     | 1024 MB SDRAM, 512 MB flash; packet buffer size: 8 MB  |
| <b>Performance</b>              | <b>Latency</b> 4.02 $\mu$ s (Store and Forward) (64-byte packets)  |
|                                 | <b>Throughput</b> 190 million pps  |
|                                 | <b>Routing/Switching capacity</b> 256 Gbps   |
|                                 | <b>Routing table size</b> 16000 entries  |
|                                 | <b>MAC address table size</b> 32000 entries  |
| <b>Environment</b>              | <b>Operating temperature</b> 32°F to 113°F (0°C to 45°C)   |
|                                 | <b>Operating relative humidity</b> 10% to 90%  |
|                                 | <b>Acoustic</b> Low-speed fan: 50.5 dB, High-speed fan: 57.9 dB  |

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|                                   |  |                                  |
|-----------------------------------|--|----------------------------------|
| <b>Electrical characteristics</b> | <b>Maximum heat dissipation</b>  | 3320 BTU/hr (3502.6 kJ/hr)       |
|                                   | <b>Voltage</b>   | 100-120/200-240 VAC              |
|                                   | <b>Frequency</b>   | 50/60 Hz                         |
| <b>Safety</b>                     | 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  |                                  |
| <b>Emissions</b>                  | 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   |                                  |
| <b>Immunity</b>                   | <b>Generic</b>   | ETSI EN 300 386 V1.3.3           |
|                                   | <b>EN</b>  | EN 55024:1998+ A1:2001 + A2:2003 |
|                                   | <b>ESD</b>   | EN 61000-4-2; IEC 61000-4-2      |
|                                   | <b>Radiated</b>  | EN 61000-4-3; IEC 61000-4-3      |
|                                   | <b>EFT/Burst</b>   | EN 61000-4-4; IEC 61000-4-4      |
|                                   | <b>Surge</b>   | EN 61000-4-5; IEC 61000-4-5      |
|                                   | <b>Conducted</b>   | EN 61000-4-6; IEC 61000-4-6      |
|                                   | <b>Power frequency magnetic field</b>  | IEC 61000-4-8; EN 61000-4-8      |
|                                   | <b>Voltage dips and interruptions</b>  | EN 61000-4-11; IEC 61000-4-11    |
|                                   | <b>Harmonics</b>   | EN 61000-3-2, IEC 61000-3-2      |
|                                   | <b>Flicker</b>   | EN 61000-3-3, IEC 61000-3-3      |
| <b>Management</b>                 | IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager; Telnet; HTTPS; RMON1; FTP  |                                  |
| <b>Services</b>                   | 3-year, 4-hour onsite, 13x5 coverage for hardware (HQ063E)<br>3-year, 4-hour onsite, 24x7 coverage for hardware (HQ064E)<br>3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 SW phone support and SW updates (HQ067E)<br>3-year, 24x7 SW phone support, software updates (HQ066E)<br>1-year, post-warranty, 4-hour onsite, 13x5 coverage for hardware (HR569E)<br>1-year, post-warranty, 4-hour onsite, 24x7 coverage for hardware (HR570E)<br>Installation with minimum configuration, system-based pricing (UW451E)<br>4-year, 4-hour onsite, 13x5 coverage for hardware (HQ068E)<br>4-year, 4-hour onsite, 24x7 coverage for hardware (HQ069E)<br>4-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (HQ076E)<br>4-year, 24x7 SW phone support, software updates (HQ074E)<br>5-year, 4-hour onsite, 13x5 coverage for hardware (HQ071E)<br>5-year, 4-hour onsite, 24x7 coverage for hardware (HQ072E)<br>5-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone (HQ077E)<br>5-year, 24x7 SW phone support, software updates (HQ075E)<br>3 Yr 6 hr Call-to-Repair Onsite (HQ065E)<br>4 Yr 6 hr Call-to-Repair Onsite (HQ070E)<br>5 Yr 6 hr Call-to-Repair Onsite (HQ073E)<br>1-year, 6 hour Call-To-Repair Onsite for hardware (HR573E)<br>1-year, 24x7 software phone support, software updates (HR572E)<br>1-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support and software updates (HR571E) |                                  |