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Overview

Built on next-generation, high-performance hardware and powered by Huawei's Versatile Routing Platform (VRP), CloudEngine S5735-L switches feature flexible Ethernet networking, diversified security control, and support for multiple Layer 3 routing protocols — providing higher performance and more powerful service processing capabilities for networks.

Quick Specification

Table 1 shows the Quick Specification.

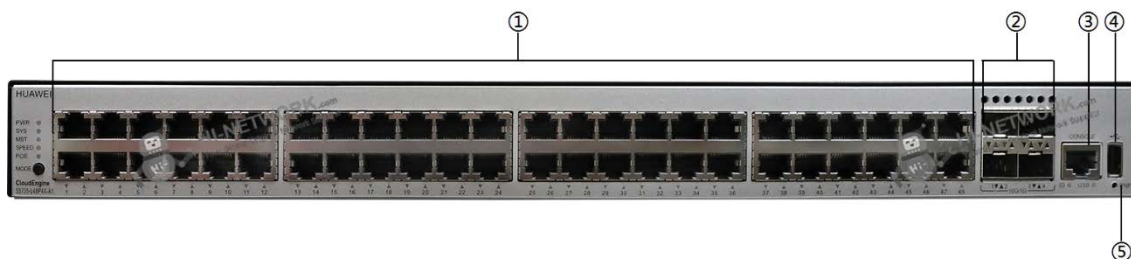
| | |
|-------------------------------|---|
| Model | S5735-L48P4X-A1 |
| Part Number | 98011343 |
| First supported version | V200R020C10 |
| Description | S5735-L48P4X-A1 (48*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, AC power) |
| Memory | 512 MB |
| Flash memory | 512 MB |
| Typical power consumption [W] | 58.7 W |

Figure 1 shows the appearance of S5735-L48P4X-A1.



Product Details

Figure 2 shows the front ports of S5735-L48P4X-A1.



Note:

| | | | |
|-----|--|-----|----------------|
| (1) | Forty-eight 10/100/1000BASE-T PoE+ ports | (4) | One PNP button |
| (2) | Four 1000BASE-X ports | (5) | One USB port |
| (3) | One console port | | |

Figure 3 shows the back view of S5735-L48P4X-A1.



Note:

| | |
|-----|---------------------------------------|
| (1) | Ground screw |
| (2) | Jack for AC power cable locking strap |
| (3) | AC socket |

Supported Transceivers

Table 2 shows the recommended models.

| Model | Description |
|------------------|---|
| OMXD30000 | Huawei Optical Transceiver OMXD30000, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC) |
| SFP-GE-LX-SM1310 | Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC) |
| OMXD30009 | Transceiver, QSFP+, 1310nm, 41.25Gbps, -7dBm, 2.3dBm, -11.5dBm, LC, SMF, 10 |

ESFP-GE-SX-MM850

Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.5km, LC)

Get More Information

Do you have any question about the S5735-L48P4X-A1 (98011343)?

Contact us now via info@hi-network.com.

Specification

| S5735-L48P4X-A1 Specification | |
|--|--|
| Part Number | 98011343 |
| First supported version | V200R020C10 |
| Description | S5735-L48P4X-A1 (48*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, AC power) |
| Dimensions without packaging (H x W x D) [mm(in.)] | Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 220.0 mm (1.72 in. x 17.4 in. x 8.7 in.) Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.) |
| Dimensions with packaging (H x W x D) [mm(in.)] | 90.0 mm x 550.0 mm x 360.0 mm (3.54 in. x 21.65 in. x 14.17 in.) |
| Chassis height [U] | 1 |
| Weight without packaging [kg(lb)] | 3.23 kg (7.12 lb) |
| Weight with packaging [kg(lb)] | 4.28 kg (9.44 lb) |
| Typical power consumption [W] | 58.7 |
| Typical heat dissipation [BTU/hour] | 200.29 |
| Maximum power consumption [W] | - Not providing the PoE function: 76.1 W - 100% PoE loads: 456.1 W (PoE: 380 W) |
| Maximum heat dissipation [BTU/hour] | - Not providing the PoE function: 259.66 - 100% PoE loads: 1556.26 |
| MTBF [year] | 44.03 |
| MTTR [hour] | 2 |
| Availability | >0.99999 |
| Noise at normal temperature (acoustic power) [dB(A)] | 50 |
| Noise at normal temperature (acoustic pressure) [dB(A)] | 38.2 |
| Number of card slots | 0 |
| Number of power slots | 0 |

| | |
|--|--|
| Number of fans modules | 2 |
| Redundant power supply | Not supported |
| Long-term operating temperature [°C(°F)] | -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.) |
| Short-term operating temperature [°C(°F)] | -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.) |
| Restriction on the operating temperature variation rate [°C(°F)] | <p>When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.).</p> <p>The equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:</p> <ul style="list-style-type: none"> - The equipment operates at a temperature of over 50°C (122°F) consecutively for at most 96 hours in one year. - The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year. - The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year. <p>The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded.</p> <p>The equipment cannot start when the temperature is lower than 0°C (32°F). The maximum distance of optical modules used in these conditions cannot exceed 10 km.</p> |
| Storage temperature [°C(°F)] | -40°C to +70°C (-40°F to +158°F) |
| Long-term operating relative humidity [RH] | 5% to 95%, noncondensing |
| Long-term operating altitude [m(ft.)] | 0-5000 m (0-16404 ft.) |
| Storage altitude [m(ft.)] | 0-5000 m (0-16404 ft.) |
| Power supply mode | AC built-in |
| Rated input voltage [V] | - AC input: 100 V AC to 240 V AC, 50/60 Hz - High-Voltage DC input: 240 V DC |
| Input voltage range [V] | - AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz - High-Voltage DC input: 190 V DC to 290 V DC |
| Memory | 512 MB |
| Flash memory | 512 MB |
| Console port | RJ45 |
| Eth Management port | Not supported |
| USB | Supported |
| RTC | Not supported |
| RPS input | Not supported |
| Service port surge protection [kV] | Common mode: ±7 kV |
| Power supply surge protection [kV] | ±6 kV in differential mode, ±6 kV in common mode |
| Types of fans | Built-in |
| Heat dissipation mode | Heat dissipation with fan, intelligent fan speed adjustment |
| Airflow direction | Air intake from left and front, air exhaustion from right |
| PoE | Supported |

| | |
|---------------|--|
| Certification | EMC certification Safety certification Manufacturing certification |
|---------------|--|

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