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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  | S5735S-L24P4X-A1  |
| Part Number  | 98011328  |
| Description  | S5735S-L24P4X-A1 (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, AC power)  |
| First supported version                            | V200R020C10   |
| Memory   | 512 MB  |
| Flash memory                                       | 512 MB  |
| PoE  | Supported   |
| Weight with packaging [kg(lb)]                     | 3.91 kg (8.62 lb)   |
| Dimensions without packaging (H x W x D) [mm(in.)] | <p>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.)</p> <p>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.)</p> |

Figure 1 shows the appearance of S5735S-L24P4X-A1.



## Product Details

Figure 2 shows the structure of S5735S-L24P4X-A1.



Note:

|     |  |     |                                       |
|-----|--|-----|---------------------------------------|
| (1) | Twenty-four 10/100/1000BASE-T PoE+ ports | (5) | Ground screw                          |
| (2) | Four 10GE SFP+ ports                     | (6) | Jack for AC power cable locking strap |
| (3) | One console port                         | (7) | AC socket                             |
| (4) | One PNP button                           |     |                                       |

## Get More Information

Do you have any question about the S5735S-L24P4X-A1 (98011328)?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

| S5735S-L24P4X-A1 Specification                     |  |
|--|--|
| Model  | S5735S-L24P4X-A1   |
| Part Number  | 98011328   |
| Description  | S5735S-L24P4X-A1 (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, AC power)   |
| Remarks  | Some models cannot be downgraded due to component upgrade. Therefore, you are advised to run the display system-software information command (supported in V200R021C00 and later versions) to check the software versions supported by the device before performing a downgrade.   |
| 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.)<br>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)]                                | 2.94 kg (6.48 lb)  |
| Weight with packaging [kg(lb)]                                   | 3.91 kg (8.62 lb)  |
| Typical power consumption [W]                                    | 41.7   |
| Typical heat dissipation [BTU/hour]                              | 142.29   |
| Maximum power consumption [W]                                    | - Not providing the PoE function: 53.2 W<br>- 100% PoE loads: 433.2 W (PoE: 380 W)   |
| Maximum heat dissipation [BTU/hour]                              | - Not providing the PoE function: 181.52<br>- 100% PoE loads: 1478.12  |
| MTBF [year]  | 55.72  |
| 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"> <li>- The equipment operates at a temperature of over 50°C (122°F) consecutively for at most 96 hours in one year.</li> <li>- The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.</li> <li>- The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.</li> </ul> <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<br>- 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<br>- 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                                | Not supported  |
| RTC                                | Not supported  |
| RPS input                          | Not supported  |
| Service port surge protection [kV] | Common mode: $\pm 7$ kV  |
| Power supply surge protection [kV] | $\pm 6$ kV in differential mode, $\pm 6$ 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<br>Safety certification<br>Manufacturing certification                         |

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