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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
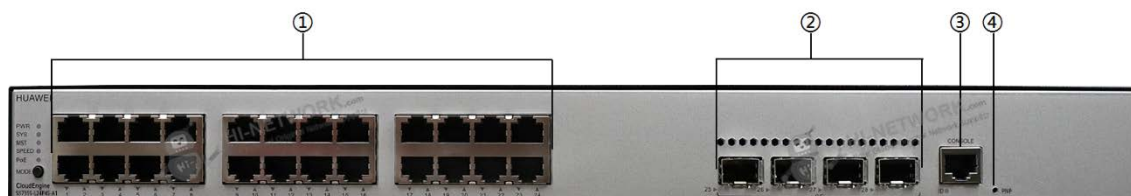
Table 1 shows the Quick Specification.

Model	S5735S-L24P4S-A1
Part Number	98011322
Memory	512 MB
Flash memory	512 MB
Typical power consumption [W]	41.7 W
MTTR [hour]	2 hour

Figure 1 shows the appearance of S5735S-L24P4S-A1.

Product Details

Figure 2 shows the front ports of S5735S-L24P4S-A1.

Note:

(1)	Twenty-four 10/100/1000BASE-T PoE+ ports	(3)	One console port
(2)	Four 1000BASE-X ports	(4)	One PNP button

Figure 3 shows the back view of S5735S-L24P4S-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)

S5735S-L24P4S-A1 (98011322)
Datasheet

Get More Information

Do you have any question about the S5735S-L24P4S-A1 (98011322)?

Contact us now via info@hi-network.

Specification

S5735S-L24P4S-A1 Specification	
Typical power consumption [W]	41.7 W
Typical heat dissipation [BTU/hour]	142.29 BTU/hour
Maximum power consumption [W]	· Not providing the PoE function: 53.2 W 100% PoE loads: 433.2 W (PoE: 380 W)
Maximum heat dissipation [BTU/hour]	· Not providing the PoE function: 181.52 100% PoE loads: 1478.12
MTBF [year]	55.72 year
MTTR [hour]	2 hour
Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	50 dB(A)
Noise at normal temperature (acoustic pressure) [dB(A)]	38.2 dB(A)
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)]	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.). The equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met: · 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. The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded. 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.
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
Maximum input current [A]	6 A
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: ±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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