S5735S-L48P4S-A (98010946)
Datasheet

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Overview

S5735S-L48P4S-A is the Huawei S5735-L switch with 48 x 10/100/1000BASE-T ports, 4 x 1 GE SFP+ ports, PoE+ model. Huawei CloudEngine S5735-L is a series of simplified gigabit access switches that provide 12–48 flexible all-GE downlink ports and four fixed GE or 10 GE uplink ports. They are designed for enterprise campus network access and gigabit to the desktop. 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

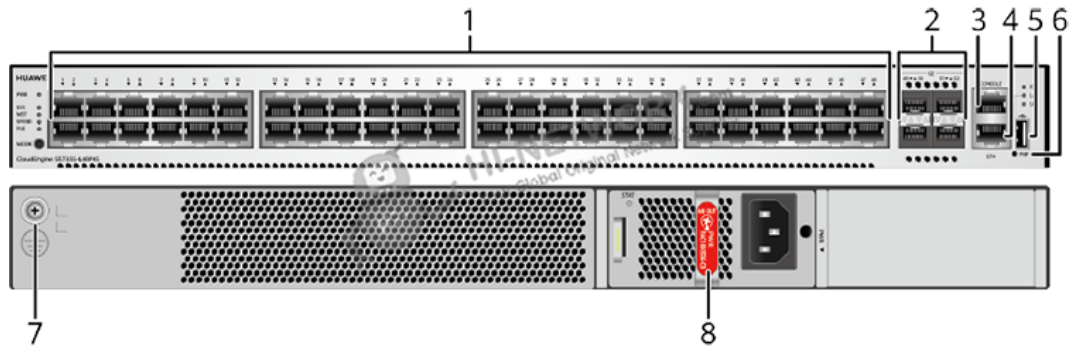**Table 1 shows the Quick Specification.**

Model	S5735S-L48P4S-A
Part Number	98010946
Description	S5735S-L48P4S-A bundle (48*10/100/1000BASE-T ports, 4*GE SFP ports, PoE+, 1*1000W PoE AC power module)
First supported version	V200R019C00
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
PoE	Supported
Weight with packaging [kg(lb)]	8.7
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 420.0 mm (1.72 in. x 17.40 in. x 16.54 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 444.2 mm (1.72 in. x 17.40 in. x 17.49 in.)

Figure 1 shows the appearance of S5735S-L48P4S-A.

Product Details

Figure 2 shows the structure of S5735S-L48P4S-A.

Note:

(1)	Forty-eight PoE+ 10/100/1000BASE-T ports	(5)	One USB port
(2)	Four 1000BASE-X ports	(6)	One PNP button
(3)	One console port	(7)	Ground screw
(4)	One ETH management port	(8)	Power module slot

Get More Information

Do you have any question about the S5735S-L48P4S-A (98010946)?

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Specification

S5735S-L48P4S-A Specification	
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Chassis height [U]	1
Weight with packaging [kg(lb)]	8.7

Typical power consumption [W]	58
Typical heat dissipation [BTU/hour]	197.9
Maximum power consumption [W]	- Without PoE: 75 W - Full PoE load: 911 W (PoE: 874 W)
Maximum heat dissipation [BTU/hour]	- Without PoE: 255.9 - PoE full load: 3108
MTBF [year]	61.7
MTTR [hour]	2
Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	58.9
Noise at normal temperature (acoustic pressure) [dB(A)]	43.8
Number of card slots	0
Number of power slots	1
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 device can work for a short period of time when the operating temperature is beyond the normal range, but the following conditions must be met: - The operating temperature can exceed 50°C (122°F) for a maximum of 96 consecutive hours in a year. - The total time when the operating temperature exceeds 50°C (122°F) in a year is less than or equal to 360 hours. - The number of times the operating temperature exceeds 50°C (122°F) is less than or equal to 15 in one year. If any of the preceding conditions is not met, the device may be damaged or an unknown error may occur. Devices cannot start when the temperature is lower than 0°C (32°F). The maximum transmission distance of an optical module used for short-term operation 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	Pluggable power supply
Rated input voltage [V]	- AC input: 100 V AC to 130 V AC, 200 V AC to 240 V AC; 50/60 Hz - High-voltage DC input: 240 V DC - DC input: –48 V DC to –60 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

	- DC input: –38.4 V DC to –72 V DC
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
Console port	RJ45
Eth Management port	RJ45
USB	Supported
RTC	Not supported
RPS input	Not supported
Service port surge protection [kV]	Common mode: ±7 kV
Power supply surge protection [kV]	- Configured with AC power modules: ±6 kV in differential mode and ±6 kV in common mode - Configured with DC power modules: ±2 kV in differential mode and ±4 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,front and right, air exhaustion from behind
PoE	Supported
Certification	EMC certification Safety certification Manufacturing certification

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