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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.

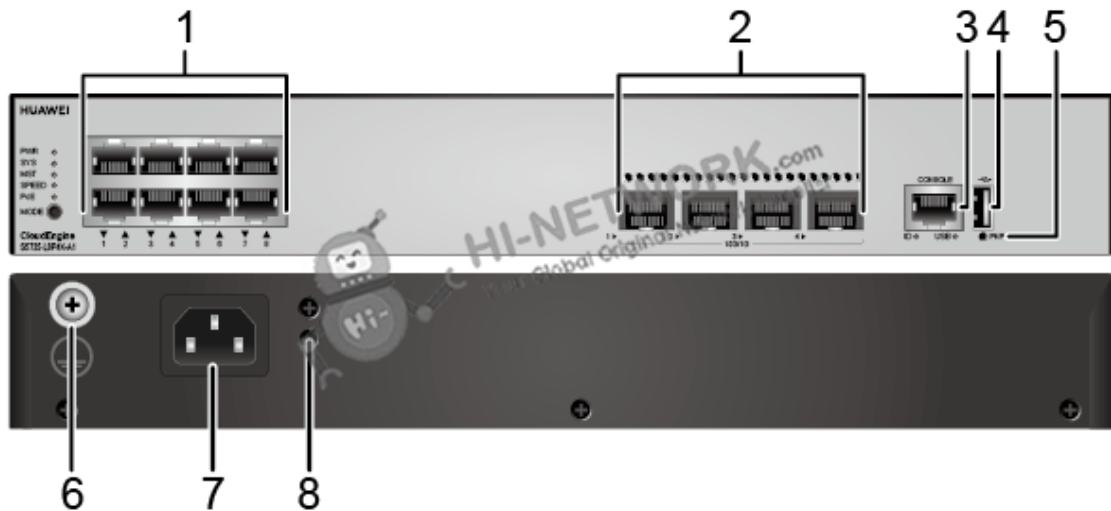
Model	S5735-L8P4X-A1
Part Number	98011291
Description	S5735-L8P4X-A1 (8*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, AC power)
First supported version	V200R020C10
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 300.0 mm x 220.0 mm (1.72 in. x 11.8 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 300.0 mm x 227.0 mm (1.72 in. x 11.8 in. x 8.94 in.)
Memory	512 MB
Flash memory	512 MB
PoE	Supported

Figure 1 shows the appearance of S5735-L8P4X-A1.



## Product Details

Figure 2 shows the structure of S5735-L8P4X-A1.



Note:

(1)	Eight 10/100/1000BASE-T PoE+ ports	(5)	One PNP button
(2)	Four 10GE SFP+ ports	(6)	Ground screw
(3)	One console port	(7)	AC socket
(4)	One USB port	(8)	Jack for AC power cable locking strap

## Get More Information

Do you have any question about the S5735-L8P4X-A1 (98011291)?

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

## Specification

S5735-L8P4X-A1 Specification	
Model	S5735-L8P4X-A1
Part Number	98011291
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	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 300.0 mm x 227.0 mm (1.72 in. x 11.8 in. x 8.94 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	110.0 mm x 435.0 mm x 360.0 mm (4.33 in. x 17.13 in. x 14.17 in.)
Chassis height [U]	1
Weight without packaging [kg(lb)]	2.25 kg (4.96 lb)
Weight with packaging [kg(lb)]	3.17 kg (7 lb)
Typical power consumption [W]	28.7
Typical heat dissipation [BTU/hour]	97.93
Maximum power consumption [W]	- Not providing the PoE function: 39.1 W - 100% PoE loads: 163.1 W (PoE: 124 W)
Maximum heat dissipation [BTU/hour]	- Not providing the PoE function: 133.41 - 100% PoE loads: 556.51
MTBF [year]	62.46
MTTR [hour]	2
Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	42.2
Noise at normal temperature (acoustic pressure) [dB(A)]	30.5
Number of card slots	0
Number of power slots	0
Number of fans modules	1
Redundant power supply	Not supported
Long-term operating temperature [°C(°F)]	-5°C to +50°C (23°F to 122°F) (0 m to 1800 m altitude, non-industrial optical modules) -5°C to +55°C (23°F to 131°F) (0 m to 1800 m altitude, industrial optical modules with transmission distances less than or equal to 10 km)
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 switch cannot be started when the ambient temperature is lower than 0°C (32°F). The operating temperature ranges from -5°C to +45°C (23°F to 113°F) when optical modules with transmission distances greater than or equal to 70 km are used.
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
Input voltage range [V]	AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz
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: $\pm 7$ 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 Safety certification Manufacturing certification

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