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Overview

FutureMatrix S5735-L series switches are ideal for scenarios such as enterprise campus network access and gigabit to the desktop. Built on next-generation, high-performance hardware and the Huawei Versatile Routing Platform (VRP), FutureMatrix S5735-L switches stand out with compelling features such as intelligent stack (iStack), flexible Ethernet networking, and diversified security control. They support multiple Layer 3 routing protocols and provide high performance and service processing capabilities.

Quick Specification

Table 1 shows the Quick Specification.

Model	S5735-L8P4S-A1
Part Number	98011295, 98011295-001
Description	S5735-L8P4S-A1 (8*10/100/1000BASE-T ports, 4*GE 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 11.81 in. x 8.66 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 11.81 in. x 8.94 in.)
Memory	512 MB
Flash memory	512 MB
PoE	Supported

Figure 1 shows the appearance of S5735-L8P4S-A1.

Product Details

Figure 2 shows the structure of S5735-L8P4S-A1.
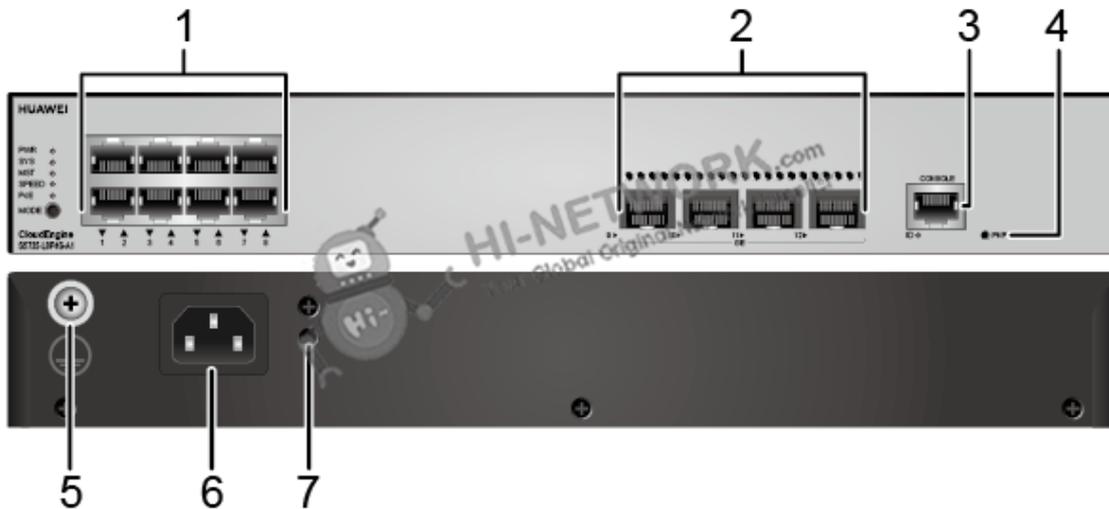
Note:

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

Get More Information

Do you have any question about the S5735-L8P4S-A1 (98011295, 98011295-001)?

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

Specification

S5735-L8P4S-A1 Specification	
Model	S5735-L8P4S-A1
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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 11.81 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 (4.96)
Weight with packaging [kg(lb)]	3.17 (6.99)
Typical power consumption [W]	28.4
Typical heat dissipation [BTU/hour]	96.9
Maximum power consumption [W]	- Without PoE: 38.6 W - Full PoE load: 162.6 W (PoE: 124 W)
Maximum heat dissipation [BTU/hour]	- Without PoE: 131.71 - Full PoE load: 554.81
MTBF [year]	66.56
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) at an altitude of 0–1800 m (0–5906 ft.), mapping non-industrial optical modules –5°C to +55°C (23°F to 131°F) at an altitude of 0–1800 m (0–5906 ft.), mapping 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% RH to 95% RH, non-condensing
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]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	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	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	Air cooling heat dissipation and intelligent 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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