Datasheet



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Overview

S5735-L12P4S-A is the Huawei S5735-L switch with 12 x 10/100/1000Base-T ports, 4 x GE SFP ports, PoE+. 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	S5735-L12P4S-A
Part Number	98010922
Description	S5735-L12P4S-A (12*10/100/1000BASE-T ports, 4*GE SFP ports, PoE+, AC power)
First supported version	V200R019C00
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.) 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.)
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
РоЕ	Supported

Figure 1 shows the appearance of S5735-L12P4S-A.



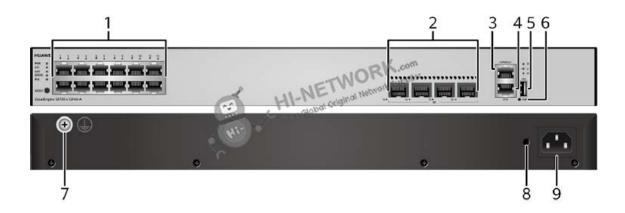


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Product Details

Figure 2 shows the structure of S5735-L12P4S-A.



Note:

(1)	Twelve PoE+ 10/100/1000BASE-T ports	(6)	One PNP button
(2)	Four 1000BASE-X ports	(7)	Ground screw
(3)	One console port	(8)	Jack for AC power cable locking strap
(4)	One ETH management port	(9)	AC socket
(5)	One USB port		

Get More Information

Do you have any question about the S5735-L12P4S-A (98010922)?

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

Specification

S5735-L12P4S-A Specification		
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Chassis height [U]	1	



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	*		
Weight with packaging [kg(lb)]	4.24		
Typical power consumption [W]	38		
Typical heat dissipation [BTU/hour]	129.66		
Maximum power consumption [W]	- Not providing the PoE function: 49 W		
	- 100% PoE loads: 441 W (PoE: 360 W)		
Maximum heat dissipation [BTU/hour]	- Not providing the PoE function: 167.2		
MTDE (roor)	- 100% PoE loads: 1505		
MTBF [year]	85.52		
MTTR [hour]	2		
Availability	>0.99999		
Noise at normal temperature (acoustic power) [dB(A)]	57.7		
Noise at normal temperature (acoustic pressure) [dB(A)]	43		
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.)		
	When the altitude is $1800-5000 \text{ m}$ ($5906-16404 \text{ ft.}$), 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		
Restriction on the operating temperature variation rate	in one year.		
[°C(°F)]	- The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360		
[C(1)]	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 limit		
	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		
Tower supply mode			
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: 100 V DC to 200 V DC		
	- High-Voltage DC input: 190 V DC to 290 V DC		



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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]	±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	
РоЕ	Supported	
	EMC certification	
Certification	Safety certification	
	Manufacturing certification	

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