# S5735S-L24T4X-A1 (98011310) Datasheet



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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	\$5735S-L24T4X-A1	
Part Number	98011310	
Description	S5735S-L24T4X-A1 (24*10/100/1000BASE-T ports, 4*XGE SFP+ ports, AC power)	
First supported version	V200R020C10	
Memory	512 MB	
Flash memory	512 MB	
РоЕ	Not supported	
Weight with packaging [kg(lb)]	3.34	
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.)	

Figure 1 shows the appearance of S5735S-L24T4X-A1.





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### **Product Details**

Figure 2 shows the structure of S5735S-L24T4X-A1.



#### Note:

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

#### **Get More Information**

Do you have any question about the S5735S-L24T4X-A1 (98011310)?

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### Specification

S5735S-L24T4X-A1 Specification		
Model	S5735S-L24T4X-A1	
Part Number	98011310	
Description	S5735S-L24T4X-A1 (24*10/100/1000BASE-T ports, 4*XGE SFP+ ports, AC power)	
First supported version	V200R020C10	
Remarks	Some models cannot be downgraded due to component upgrade. Therefore, you are advised to run the display system-software information command (supported in V200R021C00 and later versions) to check the software versions supported by the device before performing a downgrade.	
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	



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	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.)		
Dimensions with packaging (H x W x D) [mm(in.)]	90.0 mm x 550.0 mm x 360.0 mm (3.54 in. x 21.65 in. x 14.17 in.)		
Chassis height [U]	1		
Weight without packaging [kg(lb)]	2.45 kg (5.4 lb)		
Weight with packaging [kg(lb)]	3.34 kg (7.36 lb)		
Typical power consumption [W]	32.7		
Typical heat dissipation [BTU/hour]	111.58		
Maximum power consumption [W]	47.6		
Maximum heat dissipation [BTU/hour]	162.42		
MTBF [year]	64.3		
MTTR [hour]	2		
Availability	>0.99999		
Noise at normal temperature (acoustic power) [dB(A)]	39		
Noise at normal temperature (acoustic pressure) [dB(A)]	27.2		
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)]	<ul> <li>-5°C to +50°C (23°F to 122°F) (0 m to 1800 m altitude, non-industrial optical modules)</li> <li>-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)</li> </ul>		
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		



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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	Not supported	
	EMC certification	
Certification	Safety certification	
	Manufacturing certification	

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