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Overview

S5735S-L24FT4S-A is the Huawei S5735-L switch with 12 × 10/100Base-Tx ports, 12 × 10/100/1000Base-T ports, 4 × GE SFP ports. 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-L24FT4S-A
Part Number	98010917
Software Version	V200R019C00 and later versions
Description	S5735S-L24FT4S-A (12*10/100BASE-TX ports, 12*10/100/1000BASE-T ports, 4*GE SFP ports, AC power)
Fixed Ports	48 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports
PoE+	Not Supported

Figure 1 shows the appearance of S5735S-L24FT4S-A.

Product Details

Figure 2 shows the front ports of S5735S-L24FT4S-A.
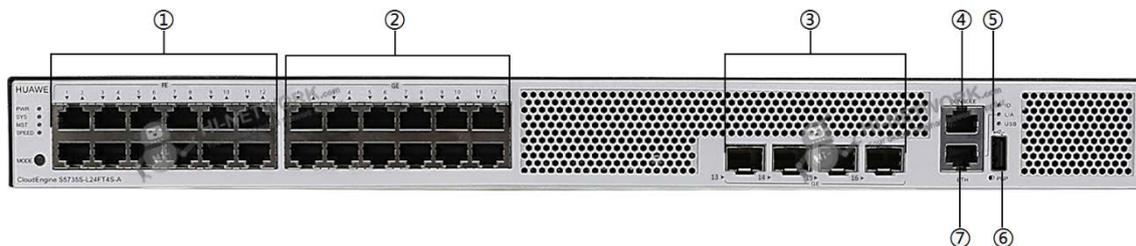
Note:

(1)	Twelve 10/100BASE-TX ports	(5)	One USB port
(2)	Twelve 10/100/1000BASE-T ports	(6)	One PNP button
(3)	Four 1000BASE-X ports	(7)	One ETH management port
(4)	One console port		

Figure 3 shows the back view of S5735S-L24FT4S-A.

Note:

(1)	Ground screw
(2)	Jack for AC power cable locking strap
(3)	AC socket

Supported Transceivers

Table 2 shows the recommended models.

Model	Description
OMXD30000	Huawei Optical Transceiver OMXD30000, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
SFP-GE-LX-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)

OMXD30009	Transceiver, QSFP+, 1310nm, 41.25Gbps, -7dBm, 2.3dBm, -11.5dBm, LC, SMF, 10
eSFP-GE-SX-MM850	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.5km, LC)

Compare to Similar Items

Table 3 shows the comparison.

Model	S5735S-L48P4X-A	S5735S-L24FT4S-A
Fixed Ports	48 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports	12 × 10/100Base-Tx ports, 12 × 10/100/1000Base-T ports, 4 × GE SFP ports
PoE+	Supported	Not Supported

Get More Information

Do you have any question about the S5735S-L24FT4S-A (98010917)?

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Specification

S5735S-L24FT4S-A Specification	
Mean time between failures (MTBF)	55.89 years
Mean time to repair (MTTR)	2.15 hours
Stack ports	Any 10/100/1000BASE-T ports or 1000BASE-X ports (applicable in V200R019C10 and later versions)
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.)
Chassis height [U]	1
Weight with packaging [kg(lb)]	4.08
Typical power consumption [W]	26
Typical heat dissipation [BTU/hour]	88.71
Maximum power consumption [W]	32
Maximum heat dissipation [BTU/hour]	109.2
MTBF [year]	55.89
MTTR [hour]	2

Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	Noise-free (no fans)
Noise at normal temperature (acoustic pressure) [dB(A)]	Noise-free (no fans)
Number of card slots	0
Number of power slots	0
Number of fans modules	0
Redundant power supply	Not supported
Long-term operating temperature [°C(°F)]	-5°C to +45°C (23°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)
Short-term operating temperature [°C(°F)]	Not supported
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 of the switch is -5°C to +40°C (23°F to 104°F) when it uses GE SFP optical modules with 40 km or longer transmission distance. When SFP+ copper cables or dedicated stack cables are used to set up a stack, the switch can operate in the following temperature range: -5°C to +45°C (23°F to 113°F) (installed in the ventilation cabinet, with the wind speed of at least 40 LFM) When SFP+ AOC cables or 10GE SFP+ optical modules are used to set up a stack, the switch can operate in the following temperature range: -5°C to +45°C (23°F to 113°F) (installed in the ventilation cabinet shipped with fans with a fan speed of at least 200 LFM)
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 - High-Voltage DC input: 240 V DC
Input voltage range [V]	- AC input: 90 V AC to 264 V AC, 47 Hz to 63 Hz - High-Voltage DC input: 190 V DC to 290 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]	±6 kV in differential mode, ±6 kV in common mode

Types of fans	None
Heat dissipation mode	Natural heat dissipation without fans
Airflow direction	-
PoE	Not supported
Certification	EMC certification
	Safety certification
	Manufacturing certification

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