Overview

Huawei CloudEngine S5735-S is a series of standard gigabit access switches that provide 24–48 flexible all-GE downlink ports and four fixed 10 GE uplink ports. They are designed for enterprise campus network access and aggregation, as well as data center access. Built on next-generation, high-performance hardware and with the Huawei Versatile Routing Platform (VRP), CloudEngine S5735-S switches boast advanced features, such as enhanced Layer 3 functionality, simplified O&M, flexible Ethernet networking, and mature IPv6 capabilities.

Quick Specification

Table 1 shows the Quick Specification.

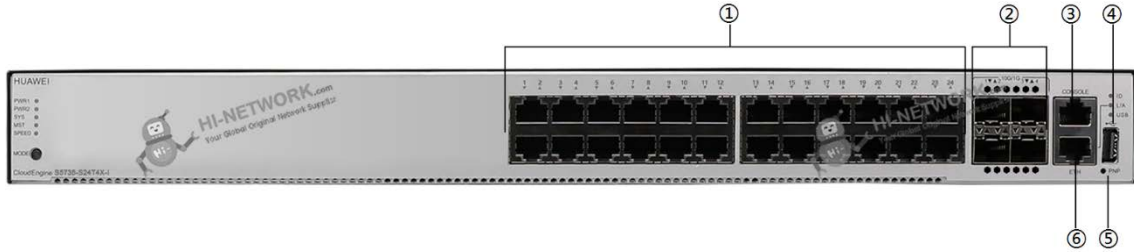|	
Model	S5735-S24T4X-I
Part Number	98010960
First supported version	V200R019C10SPC500
Description	S5735-S24T4X-I (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, without power module)
Memory	1 GB
Flash memory	512 MB
Typical power consumption [W]	31 W
Maximum power consumption	46 W

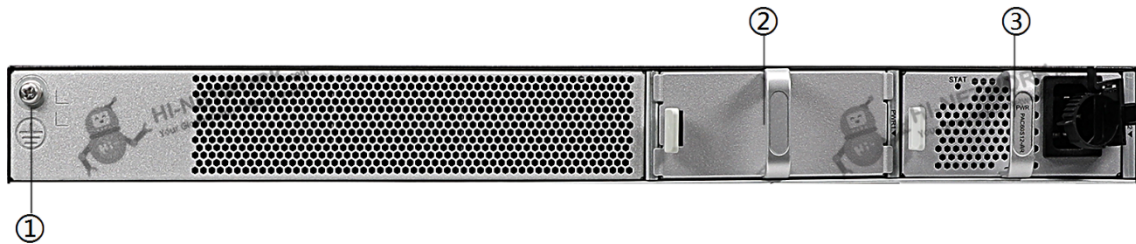**Figure 1 shows the appearance of S5735-S24T4X-I.**

Product Details

Figure 2 shows the front ports of S5735-S24T4X-I.

Note:

(1)	Twenty-four 10/100/1000BASE-T ports	(4)	One USB port
(2)	Four 10GE SFP+ ports	(5)	One PNP button
(3)	One console port	(6)	One ETH management port

Figure 3 shows the back view of S5735-S24T4X-I.

Note:

(1)	Ground screw
(2)	Power module slot 1
(3)	Power module slot 2

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)

Get More Information

Do you have any question about the S5735-S24T4X-I (98010960)?

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

Specification

S5735-S24T4X-I Specification	
Part Number	98010960
First supported version	V200R019C10SPC500
Description	S5735-S24T4X-I (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, without power module)
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 420.0 mm (1.72 in. x 17.4 in. x 16.5 in.) Maximum dimensions (the depth is the distance from ports on the front panel to the handle on the rear panel): 43.6 mm x 442.0 mm x 444.2 mm (1.72 in. x 17.4 in. x 17.49 in.)
Chassis height [U]	1
Weight with packaging [kg(lb)]	7.02
Typical power consumption [W]	36.8
Typical heat dissipation [BTU/hour]	125.57
Maximum power consumption [W]	55.2
Maximum heat dissipation [BTU/hour]	188.35
MTBF [year]	62.88
MTTR [hour]	2
Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	49.5
Noise at normal temperature (acoustic pressure) [dB(A)]	34.5
Number of card slots	0
Number of power slots	2
Number of fans modules	3
Redundant power supply	1+1 AC and DC power can be used together.
Long-term operating temperature [°C(°F)]	-40°C to +65°C (-40°F to +149°F) at an altitude of 0-1800 m (0-5906 ft.)
Short-term operating temperature [°C(°F)]	-40°C to +70°C (-40°F to 158°F) at an altitude of 0-1800 m (0-5906 ft.)

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 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 65°C (149°F) consecutively for at most 96 hours in one year. - The equipment operates at a temperature of over 65°C (149°F) for a total of no more than 360 hours in one year. - The equipment operates at a temperature of over 65°C (149°F) for no more in 15 times in one year. The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded. The maximum distance of optical modules used in these conditions cannot exceed 10 km.
Storage temperature [°C(°F)]	-40°C to +75°C (-40°F to +167°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	Pluggable power supply
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	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,front and right, air exhaustion from behind
PoE	Not supported
Certification	EMC certification Safety certification Manufacturing certification

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