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Overview

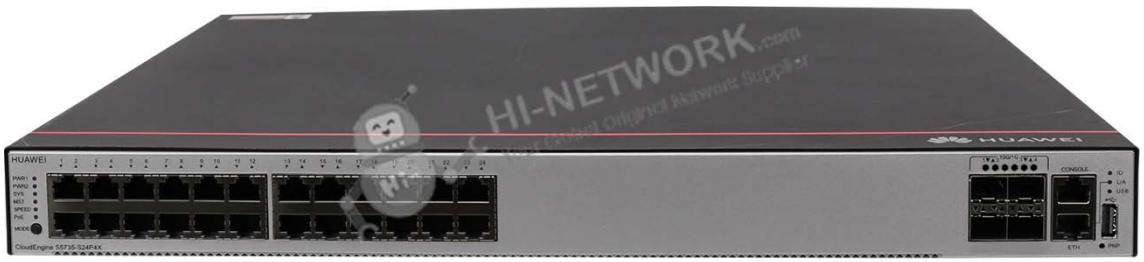
S5735-S24P4X is the Huawei S5735-S switch with 24 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports, and PoE+. Huawei CloudEngine S5735-S is a series of standard gigabit access switches that provide 24–48 flexible all-GE downlink ports and four fixed 10 GE uplink ports. They are designed for enterprise 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-S24P4X
Part Number	98010940
First supported version	V200R019C00
Description	S5735-S24P4X (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, without power module)
Forwarding Performance	96 Mpps
Switching Capacity	128 Gbps/336 Gbps
Fixed Ports	24 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports
PoE+	Supported

Figure 1 shows the appearance of S5735-S24P4X.



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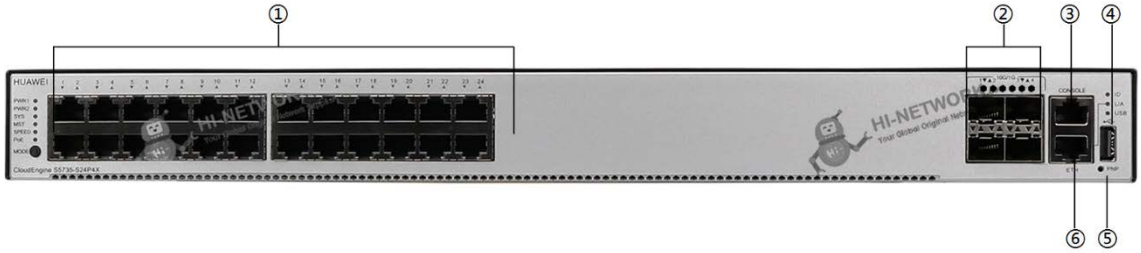
Product Details

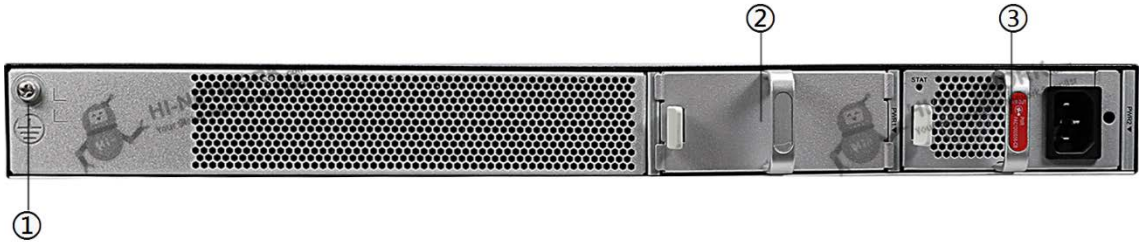
Figure 2 shows the front ports of S5735-S24P4X.



Note:

(1)	Twenty-four PoE+ 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-S24P4X.



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)
OSX010000	Optical Transceiver, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)
SFP-GE-LX-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)

OSXD22N00	Optical Transceiver, SFP+, 10G, Multi-mode Module (1310nm, 0.22km, LC, LRM)
SFP-10G-USR	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)
OMXD30009	Transceiver, QSFP+, 1310nm, 41.25Gbps, -7dBm, 2.3dBm, -11.5dBm, LC, SMF, 10
SFP-10G-LR	Huawei Optical Transceiver SFP-10G-LR, SFP+, 10G, Single-mode Module (1310nm, 10km, LC)

Compare to Similar Items

Table 3 shows the comparison.

Model	S5735-S24T4X	S5735-S24P4X	S5735-S32ST4X	S5735-S48T4X	S5735-S48P4X	S5735-S48S4X
Forwarding Performance	96 Mpps	96 Mpps	108 Mpps	132 Mpps	132 Mpps	132 Mpps
Switching Capacity	128 Gbps/336 Gbps	128 Gbps/336 Gbps	144 Gbps/432 Gbps	176 Gbps/432 Gbps	176 Gbps/432 Gbps	176 Gbps/432 Gbps
Fixed Ports	24 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports	24 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports	24 x GE SFP ports, 8 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports	48 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports	48 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports	48 x GE SFP ports, 4 x 10 GE SFP+ ports
PoE+	Not supported	Supported	Not supported	Not supported	Supported	Not supported

Get More Information

Do you have any question about the S5735-S24P4X (98010940)?

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

Specification

S5735-S24P4X Specification	
Part Number	98010940
Description	S5735-S24P4X (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, 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 17.40 in. x 16.54 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 444.2 mm (1.72 in. x 17.40 in. x 17.49 in.)
Chassis height [U]	1

Weight with packaging [kg(lb)]	7.39
Typical power consumption [W]	51
Typical heat dissipation [BTU/hour]	174.02
Maximum power consumption [W]	- Without PoE: 65 W - Full PoE load: 847 W (PoE: 720 W)
Maximum heat dissipation [BTU/hour]	- Without PoE: 221.8 - PoE full load: 2890
MTBF [year]	59.88
MTTR [hour]	2
Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	58.9
Noise at normal temperature (acoustic pressure) [dB(A)]	43.8
Number of card slots	0
Number of power slots	2
Number of fans modules	2
Redundant power supply	1+1 Pluggable AC and DC power modules can be used together in the same switch.
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.)
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 device can work for a short period of time when the operating temperature is beyond the normal range, but the following conditions must be met: - The operating temperature can exceed 45°C (113°F) for a maximum of 96 consecutive hours in a year. - The total time when the operating temperature exceeds 45°C (113°F) in a year is less than or equal to 360 hours. - The number of times the operating temperature exceeds 45°C (113°F) is less than or equal to 15 in one year. If any of the preceding conditions is not met, the device may be damaged or an unknown error may occur. Devices cannot start when the temperature is lower than 0°C (32°F). The maximum transmission distance of an optical module used for short-term operation 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	Pluggable power supply
Rated input voltage [V]	- AC input: 100 V AC to 130 V AC, 200 V AC to 240 V AC; 50/60 Hz - High-voltage DC input: 240 V DC - DC input: –48 V DC to –60 V DC
Input voltage range [V]	- AC input: 90 V AC to 290 V AC; 45 Hz to 65 Hz

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	- High-voltage DC input: 190 V DC to 290 V DC - DC input: –38.4 V DC to –72 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]	- Configured with AC power modules: ±6 kV in differential mode and ±6 kV in common mode - Configured with DC power modules: ±2 kV in differential mode and ±4 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	Supported
Certification	EMC certification Safety certification Manufacturing certification

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