S5735S-S32ST4X-A (98010932)

Datasheet



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Overview

S5735S-S32ST4X-A is the Huawei S5735-S switch with $24 \times GE$ SFP Ports, $8 \times 10/100/1000BASE-T$, $4 \times 10G$ SFP+, and $1 \times 60W$ AC Power Supply. Huawei CloudEngine S5735S-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	S5735S-S32ST4X-A	
Part Number	98010932	
Description	S5735S-S32ST4X-A bundle (24*GE SFP ports, 8*10/100/1000BASE-T ports, 4*10GE SFP+ ports,	
Description	1 AC power module)	
First supported version	V200R019C00	
Memory	1 GB	
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.	
РоЕ	Not supported	
Weight with packaging [kg(lb)]	8.15	
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.)	

Figure 1 shows the appearance of S5735S-S32ST4X-A.



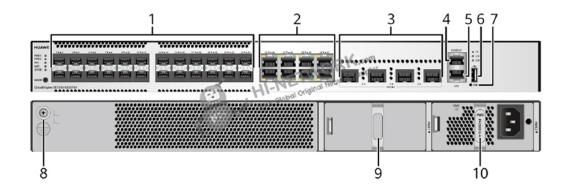


Datasheet



Product Details

Figure 2 shows the structure of S5735S-S32ST4X-A.



Note:

(1)	Twenty-four 100/1000BASE-X ports	(6)	One USB port
(2)	Eight 10/100/1000BASE-T ports	(7)	One PNP button
(3)	Four 10GE SFP+ ports	(8)	Ground screw
(4)	One console port	(9)	Power module slot 1
(5)	One ETH management port	(10)	Power module slot 2

Get More Information

Do you have any question about the S5735S-S32ST4X-A (98010932)?

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

Specification

S5735S-S32ST4X-A Specification		
Model	S5735S-S32ST4X-A	
Part Number	98010932	
Description	S5735S-S32ST4X-A bundle (24*GE SFP ports, 8*10/100/1000BASE-T ports, 4*10GE SFP+ ports, 1 AC 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)]	8.15	



S5735S-S32ST4X-A (98010932)

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Maximum heat dissipation [FTUhour] MTTR [boar] Availability -0.99999 Noise at normal temperature (accounts pressure) [dB(A)] Number of gard slots 0 Number of gard slots 2 Number of fants modules 2 I	Typical heat dissipation [BTU/hour]	160.37
MTIR [boar] Availability Availability Noise at normal temperature (acoustic pressure) [dB(A)] Number of card slots Number of and slots Number of fand slots 1+1 Pluggable AC and DC power modules can be used together in the same switch, but power modules that me natural heat dissipation and power modules that me at recoding carnot be used together. Long term operating temperature [CC(P)] SC(D +50 C (23°F in 122°P) at an altitude of 0-1800 in (0-5906 ft.) Short-term operating temperature [CC(P)] Pluggable AC and DC power modules can be used together in the same switch, but power modules that me natural heat dissipation and power modules that me at recoding carnot be used together. Sc(D +50 C (23°F in 122°P) at an altitude of 0-1800 in (0-5906 ft.) When the altitude in the ability of the power modules are a substance for an addition of 0-1800 in (0-5906 ft.) The device can work for a backtory of sime when the operating temperature reduces by 1°C (13°F) and altitude of 0-1800 in (0-5906 ft.) The device can work for a backtory of sime 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) in a maximum of 96 consecutive hours in a year. If any of the preceding conditions must be met. - The number of simes the operating temperature exceeds 45°C (113°F) in a year is less than or equal to 15 in one year. If any of the preceding conditions is not met, the device may be duranged or an unknown error may occur. The total time when the operating temperature exceeds 45°C (113°F) in a year is less than or equal to any year. If any of the preceding conditions is not met, the device may be duranged or an unknown error may occur. The total time when the operating temperature is lover than 0°C (22°F). The maximum transmission distance of an opti	Maximum power consumption [W]	66
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Availability Solution Soluti	MTBF [year]	68.59
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Number of card slots Number of power slots 2	Noise at normal temperature (acoustic power) [dB(A)]	59.3
Number of faus modules 2 Number of faus modules 2 1-1 Redundant power supply Plugable AC and DC power modules can be used together in the same switch, but power modules that use natural heat dissipation and power modules that use air cooling cannot be used together. Long-term operating temperature ["C("F)] 5°C to +50°C (23°F to 123°F) at an altitude of 0-1800 m (0-5006 ft.) Short-term operating temperature ["C("F)] 5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5006 ft.) 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 (72°2 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 number of times the operating temperature exceeds 45°C (113°F) in a year is less than or equal to 380 hours. The number of times the operating temperature exceeds 45°C (113°F) in a year is less than or equal to 380 hours. The number of times the operating temperature exceeds 45°C (113°F) in a year is less than or equal to 380 hours. The number of times the operating temperature exceeds 45°C (113°F) in a year is less than or equal to 380 hours. The number of times the operating temperature exceeds 45°C (113°F) in a year 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)]	Noise at normal temperature (acoustic pressure) [dB(A)]	44.2
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Number of fans modules 2 1+1 Redundant power supply Pluggable AC and DC power modules can be used together in the same switch, but power modules that use natural heat dissipation and power modules that use air cooling cannot be used together. Long-term operating temperature [°C(°F)] Short-term operating temperature [°C(°F)] Short-term operating temperature [°C(°F)] When the altitude is 1800-5000 m (5906-16404 f.), 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 exceed 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 intuited [m(ft.)] 9-5000 m (0-16404 ft.) Power supply mode Pluggable power supply - AC input: 100 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	Number of power slots	2
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Restriction on the operating temperature variation rate [°C(°F)] 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)] Long-term operating relative humidity [RH] 5% to 95%, noncondensing Long-term operating altitude [m(ft.)] O-5000 m (0-16404 ft.) Storage altitude [m(ft.)] Power supply mode Pluggable power supply - AC input: 100 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		range, but the following conditions must be met:
Restriction on the operating temperature variation rate [°C(°F)] - 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.) Pluggable power supply - AC input: 100 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		- The operating temperature can exceed 45°C (113°F) for a maximum of 96 consecutive hours in a
[°C(°F)] 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)] 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.)] Power supply mode Pluggable power supply - AC input: 100 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		year.
- 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)]	Restriction on the operating temperature variation rate	- The total time when the operating temperature exceeds 45°C (113°F) in a year is less than or equal
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)]	[°C(°F)]	to 360 hours.
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)]		- The number of times the operating temperature exceeds 45°C (113°F) is less than or equal to 15 in
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)]		one year.
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)]		If any of the preceding conditions is not met, the device may be damaged or an unknown error may
distance of an optical module used for short-term operation cannot exceed 10 km. Storage temperature [°C(°F)]		occur.
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 - AC input: 100 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		Devices cannot start when the temperature is lower than 0°C (32°F). The maximum transmission
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 - AC input: 100 V AC to 240 V AC; 50/60 Hz Rated input voltage [V] - High-voltage DC input: 240 V DC - DC input: -48 V DC to -60 V DC		distance of an optical module used for short-term operation cannot exceed 10 km.
Long-term operating altitude [m(ft.)] Storage altitude [m(ft.)] 0-5000 m (0-16404 ft.) Power supply mode Pluggable power supply - AC input: 100 V AC to 240 V AC; 50/60 Hz Rated input voltage [V] - High-voltage DC input: 240 V DC - DC input: -48 V DC to -60 V DC	Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Storage altitude [m(ft.)] Power supply mode Pluggable power supply - AC input: 100 V AC to 240 V AC; 50/60 Hz Rated input voltage [V] - High-voltage DC input: 240 V DC - DC input: -48 V DC to -60 V DC	Long-term operating relative humidity [RH]	5% to 95%, noncondensing
Power supply mode Pluggable power supply - AC input: 100 V AC to 240 V AC; 50/60 Hz Rated input voltage [V] - High-voltage DC input: 240 V DC - DC input: -48 V DC to -60 V DC	Long-term operating altitude [m(ft.)]	0-5000 m (0-16404 ft.)
- AC input: 100 V AC to 240 V AC; 50/60 Hz Rated input voltage [V] - High-voltage DC input: 240 V DC - DC input: -48 V DC to -60 V DC	Storage altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Rated input voltage [V] - High-voltage DC input: 240 V DC - DC input: -48 V DC to -60 V DC	Power supply mode	Pluggable power supply
- DC input: -48 V DC to -60 V DC		- AC input: 100 V AC to 240 V AC; 50/60 Hz
	Rated input voltage [V]	- 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 264 V AC; 47 Hz to 63 Hz	Input voltage range [V]	- AC input: 90 V AC to 264 V AC; 47 Hz to 63 Hz



S5735S-S32ST4X-A (98010932)

Datasheet



- High-voltage DC input: 190 V DC to 290 V DC	
- DC input: -38.4 V DC to -72 V DC	
1 GB	
512 MB in total. To view the available flash memory size, run the display version command.	
RJ45	
RJ45	
Supported	
Supported	
Not supported	
Common mode: ±7 kV	
- AC power module configured: $\pm 6~kV$ in differential mode, $\pm 6~kV$ in common mode	
- DC power module configured: $\pm 2~kV$ in differential mode, $\pm 4~kV$ in common mode	
Built-in	
Heat dissipation with fan, intelligent fan speed adjustment	
Air intake from left,front and right, air exhaustion from behind	
Not supported	
EMC certification	
Safety certification	
Manufacturing certification	

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