

Overview

The S1700 series switches are next-generation energy-saving Ethernet access switches. They provide easy installation and maintenance methods and various service features to help users build secure, reliable, and high-performance networks. The S1700 series switches can be widely used in Ethernet access scenarios such as small- and medium-sized enterprises, Internet cafes, hotels, and schools.

Quick Specification

Table 1 shows the quick specification.

Model	S1720X-32XWR
Part Number	98010697
Description	S1720X-32XWR (32 10 Gig SFP+, AC 110/220V)
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
Typical power consumption	67.5 W
Typical heat dissipation	230.32 BTU/hour

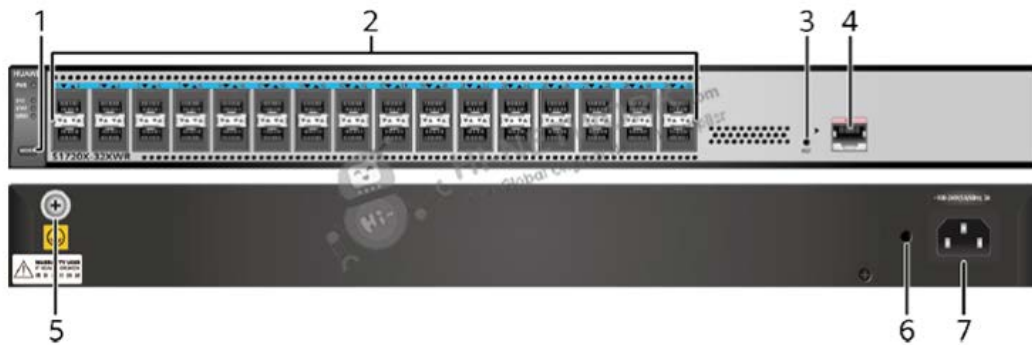
Figure 1 shows the appearance of S1720X-32XWR.





Product Details

Figure 2 shows the structure of S1720X-32XWR.



Note:

(1)	Mode switching button	(5)	Ground screw
(2)	Thirty-two 10GE SFP+ ports	(6)	Jack reserved for AC power cable locking strap
(3)	Reset button	(7)	AC power socket
(4)	ETH management port		

Compare to Similar Items

Table 2 shows the comparison.

Product model	S1720-10GW-2P S1720-10GW-PWR-2P	S1720-52GWR-4P S1720-52GWR-PWR-4P S1720-52GWR-4X S1720-52GWR-PWR-4X	S1720X-16XWR	S1720X-32XWR
Switching Capacity	68 Gbps	336 Gbps	680 Gbps	680 Gbps
Forwarding Performance	15 Mpps	S1720-52GWR-P series: 78 Mpps S1720-52GWR-X series: 132 Mpps	240 Mpps	252 Mpps
Fixed Ports	Downlink: 8 x 10/100/1000Base-T electrical ports Uplink: 2 x 1000Base-X optical ports	S1720-52GWR-P series Downlink: 48 x 10/100/1000Base-T electrical ports Uplink: 4 x 1000Base-X optical ports	16 x 10GBase-X optical ports Note: These ports can be used for both upstream and downstream	32 x 10GBase-X optical ports Note: These ports can be used for both upstream and downstream





		S1720-52GWR-X series Downlink: 48 x 10/100/1000Base-T electrical ports Uplink: 4 x 10GBase-X optical ports	transmission.	transmission.
VLAN Features	256 VLANs (S1720 Series: 4K) Access port Trunk port Hybrid port Management VLAN Voice VLAN			
IP Routing	IPv4 and IPv6 static routing			
Device Maintenance	System log Ping Virtual Cable Test (VCT) Link Layer Discovery Protocol (LLDP)			

Get More Information

Do you have any question about the S1720X-32XWR (98010697)?

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Specification

S1720X-32XWR Datasheet	
Model	S1720X-32XWR
Part Number	98010697
First supported version	V200R010C00
Description	S1720X-32XWR (32 10 Gig SFP+, AC 110/220V)
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 224.8 mm (1.72 in. x 17.4 in. x 8.85 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 233.8 mm (1.72 in. x 17.4 in. x 9.20 in.)
Chassis height [U]	1
Chassis material	Metal
Weight with packaging [kg(lb)]	4.3 kg (9.48 lb)





Typical power consumption [W]	67.5
Typical heat dissipation [BTU/hour]	230.32
Maximum power consumption [W]	103.6
Maximum heat dissipation [BTU/hour]	353.49
Static power consumption	24.8
MTBF [years]	42.8
MTTR [hours]	2
Availability	> 0.99999
Noise at normal temperature (acoustic power) [dB(A)]	46.4
Noise at normal temperature (acoustic pressure) [dB(A)]	34.6
Number of card slots	0
Number of power slots	0
Number of fans modules	3
Redundant power supply	Not supported
Long-term operating temperature [°C(°F)]	0°C to 45°C (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)
Short-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.)
Restriction on the operating temperature variation rate [°C(°F)]	<p>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.).</p> <p>The equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:</p> <ul style="list-style-type: none"> - The equipment operates at a temperature of over 45°C (113°F) consecutively for at most 96 hours in one year. - The equipment operates at a temperature of over 45°C (113°F) for a total of no more than 360 hours in one year. - The equipment operates at a temperature of over 45°C (113°F) for no more in 15 times in one year. <p>The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded.</p> <p>The equipment cannot start when the temperature is lower than 0°C (32°F). The maximum distance of optical modules used in these conditions cannot exceed 10 km.</p>
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]	100 V AC to 240 V AC, 50/60 Hz





Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	3.0 A
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
Console port	Not supported
Eth Management port	RJ45
USB	Not supported
RTC	Not supported
RPS input	Not supported
Service port surge protection [kV]	-
Power supply surge protection [kV]	±6 kV in differential mode, ±6 kV in common mode
Ingress protection level (dustproof/waterproof)	IP20
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
Certification	EMC certification Safety certification Manufacturing certification

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Datasheet

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