

# Datasheet

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## Overview

Huawei S5720-32X-EI-24S-DC is one of the S5720-EI switches. Huawei's S5720-EI Series Gigabit Switches provide resilient, energy-efficient GE ports for access switching in data centers, and aggregation switching in enterprise campus networks. Performance enhancements include advanced processing hardware, 10 Gbit/s uplink ports, and large MAC address and routing tables; Super Virtual Fabric (SVF) support enables intelligent virtualization, iStack clustering, and operation in N + 1 backup mode for simplified O&M and high availability. Mature IPv6 features ensure smooth migration to next-generation IP networking.

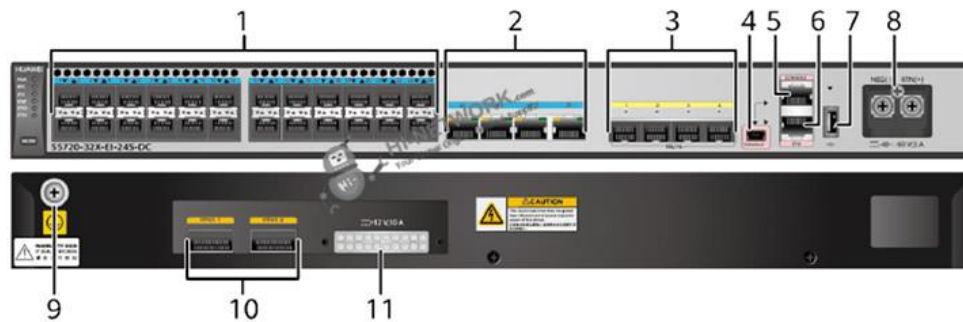
## Quick Specification

Model	S5720-32X-EI-24S-DC
Part Number	02350NHE
Memory (RAM)	2 GB
Flash	512 MB in total. To view the available flash memory size, run the display version command.
PoE	Not supported
Weight with packaging [kg(lb)]	4.2 kg (9.26 lb)
Dimensions (H x W x D)	<p>Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 224.9 mm (1.72 in. x 17.4 in. x 8.85 in.)</p> <p>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 237.3 mm (1.72 in. x 17.4 in. x 9.34 in.)</p>

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### Product Details:

#### Appearance:



①	Twenty-four 100/1000BASE-X ports
②	Four 10/100/1000BASE-T ports
③	Four 10GE SFP+ ports
④	One mini USB port
⑤	One console port
⑥	One ETH management port
⑦	One USB port
⑧	DC power terminal
⑨	Ground screw
⑩	Two QSFP+ stack optical ports
⑪	RPS socket

### The Accessories for S5720-32X-EI-24S-DC:

#### Recommended elements:

Model	Description
FE-SFP Optical Transceiver	
<a href="#">SFP-FE-SX-MM1310</a>	Optical Transceiver, SFP, 100M/155M, Multi-mode Module(1310nm, 2km, LC)
<a href="#">eSFP-FE-LX-SM1310</a>	Optical Transceiver, eSFP, 100M/155M, Single-mode Module(1310nm, 15km, LC)
<a href="#">S-SFP-FE-LH40-SM1310</a>	Optical Transceiver, eSFP, FE, Single-mode Module(1310nm, 40km, LC)



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GE-SFP Optical Transceiver	
<a href="#">eSFP-GE-SX-MM850</a>	Optical Transceiver, eSFP, GE, Multi-mode Module(850nm,0.55km,LC)
<a href="#">SFP-GE-LX-SM1310</a>	Optical Transceiver, eSFP, GE, Single-mode Module(1310nm,10km,LC)
S-SFP-GE-LH40-SM1310	Optical Transceiver, eSFP, GE, Single-mode Module(1310nm,40km,LC)
<a href="#">S-SFP-GE-LH40-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module(1550nm,40km,LC)
10G-SFP+ Optical Transceiver	
<a href="#">SFP-10G-USR</a>	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)
<a href="#">OMXD30000</a>	Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC)
<a href="#">OSX010000</a>	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)
GE Copper Transceiver	
<a href="#">SFP-1000BaseT</a>	Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)

## Compare to Similar Items:

Product Code	<a href="#">S5720-32X-EI-24S-DC</a>	<a href="#">S5720-56PC-EI-AC</a>
Switching Capacity	598 Gbit/s	598 Gbit/s
Forwarding Performance	102 Mpps	108 Mpps
Extended Slot	No	One extended slot
Fixed Interfaces	24 x 100/1,000 Base-X SFP ports, 4 x 10/100/1,000 Base-T Ethernet ports, and 4 x 10G SFP+ ports	48 x 10/100/1,000 Base-T Ethernet ports and 4 x 1,000 Base-X SFP ports

Get more information:

Do you have any question about the S5720-32X-EI-24S-DC 02350NHE?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

## Specific Data Sheet:

Part Number	02350NHE
Model	S5720-32X-EI-24S-DC
Memory (RAM)	2 GB
Flash	512 MB in total. To view the available flash memory size, run the display version command.
Mean time between failures (MTBF)	82.54 years
Mean time to repair (MTTR)	2
Availability	> 0.99999



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Service port surge protection	Common mode: $\pm 6$ kV
Power supply surge protection	$\pm 1$ kV in differential mode, $\pm 2$ kV in common mode
Dimensions (H x W x D)	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 224.9 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 237.3 mm (1.72 in. x 17.4 in. x 9.34 in.)
Weight (with packaging)	4.2 kg (9.26 lb)
Stack ports	Two fixed QSFP+ stack ports on the rear card
RTC	Supported
RPS	Supported
PoE	Not supported
Rated voltage range	-48 V DC to -60 V DC
Maximum voltage range	-36 V DC to -72 V DC
Maximum power consumption (100% throughput, full speed of fans)	58.9 W
Typical power consumption (30% of traffic load)	55.46 W
<ul style="list-style-type: none"> <li>• Tested according to ATIS standard</li> <li>• EEE enabled</li> </ul> No PoE power consumption	
Operating temperature	0°C to 45°C (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Noise under normal temperature (27°C, sound power)	< 49.3 dB(A)
Relative humidity	5% to 95%, noncondensing
Operating altitude	0-5000 m (0-16404 ft.)
Certification	EMC certification Safety certification Manufacturing certification

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S5720-32X-EI-24S-DC (02350NHE)



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