

# Datasheet

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## Overview

Huawei S5720-50X-EI-DC Gigabit Switch provides resilient, energy-efficient GE ports for access switching in data centers, and aggregation switching in enterprise campus networks. With forty-six 10/100/1,000 Base-T Ethernet ports and four 10G SFP+ ports, its performance enhancements include advanced processing hardware, 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. Huawei S5720-50X-EI-DC Gigabit Switch is dedicated to helping customers build a reliable, secure and high performance next-generation IT network.

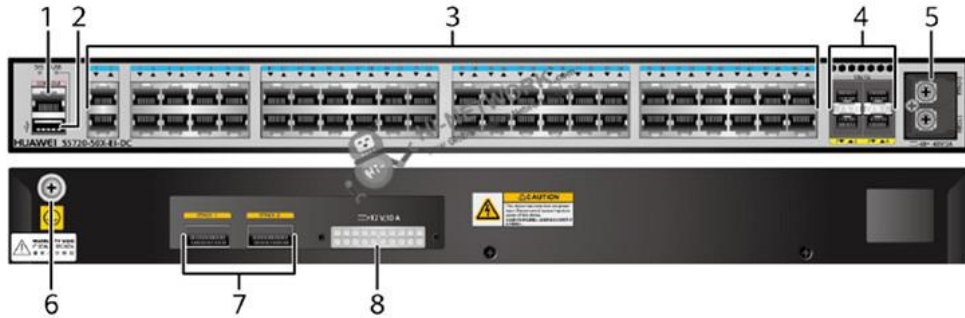
## Quick Specification

Model	S5720-50X-EI-DC
Part Number	02350NHD
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)]	4.7 kg (10.36 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 229.9 mm (1.72 in. x 17.4 in. x 9.05 in.)</p>

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### Product Details:

#### Appearance:



①	One console port
②	One USB port
③	Forty-six 10/100/1000BASE-T ports
④	Four 10GE SFP+ ports
⑤	DC power terminal
⑥	Ground screw
⑦	Two QSFP+ stack optical ports
⑧	RPS socket

### The Accessories for S5720-50X-EI-DC:

#### Recommended elements:

Category	Model	Description
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)
	<a href="#">S-SFP-GE-LH40-SM1310</a>	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)
	<a href="#">SFP-1000BaseT</a>	Electrical Transceiver, SFP, GE, Electrical Interface Module(100m,RJ45)
10G-SFP+ Optical Transceiver	<a href="#">SFP-10G-USR</a>	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)

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	<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)

### Compare to Similar Items:

Models	<a href="#">S5720-50X-EI-DC</a>	<a href="#">S5720-50X-EI-46S-DC</a>
Fixed Ports	46 x 10/100/1,000 Base-T, 4 x 10 Gig SFP+	46 x 100/1,000 Base-X SFP, 4 x 10 Gig SFP+
Extended Slots	NA	NA
Power Supply	DC power supply, supporting RPS, power socket on the front panel	DC power supply, supporting RPS, power socket on the front panel
Forwarding Performance	129 Mpps	129 Mpps
Switching Capacity	598 Gbit/s	598 Gbit/s
Front Power Input	DC: Yes	DC: Yes
Power Consumption	47.5W	73.8W

Get more information:

Do you have any question about the S5720-50X-EI-DC 02350NHD?

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

### Specific Data Sheet:

Part Number	02350NHD
Model	S5720-50X-EI-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)	74.31 years
Mean time to repair (MTTR)	2
Availability	> 0.99999
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 229.9 mm (1.72 in. x 17.4 in. x 9.05 in.)
Weight (with packaging)	4.7 kg (10.36 lb)
Stack ports	Two fixed QSFP+ stack ports on the rear card

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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)	55.3 W
Typical power consumption (30% of traffic load) <ul style="list-style-type: none"> <li>• Tested according to ATIS standard</li> <li>• EEE enabled</li> </ul> No PoE power consumption	47.45 W
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	0-2000 m (0-6562 ft.)
Certification	EMC certification Safety certification Manufacturing certification

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S5720-50X-EI-DC (02350NHD)



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