

# Datasheet

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## Overview

Huawei S5720-56C-EI-48S-DC Gigabit Switch provides resilient, energy-efficient GE ports for access switching in data centers, and aggregation switching in enterprise campus networks. With 48 x 100/1,000 Base-X Ethernet ports, 4 x 10G SFP+ ports, its 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. Huawei S5720-56C-EI-48S-DC Gigabit Switch is dedicated to helping customers build a reliable, secure and high performance next-generation IT network.

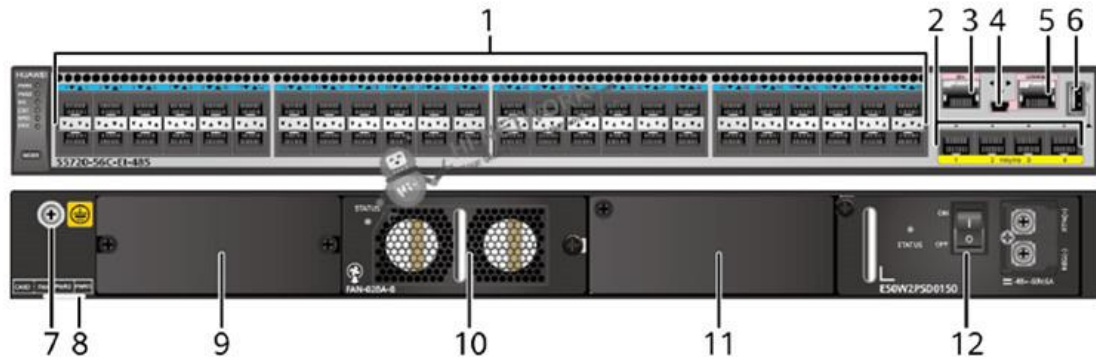
## Quick Specification

Model	S5720-56C-EI-48S-DC
Part Number	02350NHP
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)]	9.9 kg (21.83 lb)
Dimensions (H x W x D)	<p>Basic dimensions (excluding the parts protruding from the body): 44.4 mm x 442.0 mm x 424.7 mm (1.75 in. x 17.4 in. x 16.72 in.)</p> <p>Maximum dimensions (the depth is the distance from ports on the front panel to the handle on the rear panel): 44.4 mm x 442.0 mm x 451.8 mm (1.75 in. x 17.4 in. x 17.79 in.)</p>

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### Product Details:

#### Appearance:



①	Forty-eight 100/1000BASE-X ports
②	Four 10GE SFP+ ports
③	One ETH management port
④	One mini USB port
⑤	One console port
⑥	One USB port
⑦	Ground screw
⑧	ESN label
⑨	Rear card slot
⑩	Fan slot
⑪	Power module slot 2
⑫	Power module slot 1

### The Accessories for S5720-56C-EI-48S-DC:

#### Recommended Modules:

	Model	Description
Power Module	ES0W2PSA0150	150W AC Power Module(Black)
	ES0W2PSD0150	150W DC Power Module(Black)
Optical Transceiver	<a href="#">eSFP-GE-SX-MM850</a>	Optical Transceiver, eSFP, GE, Multi-mode Module(850nm,0.55km,LC)

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	<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)
	<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)
Fan Module	FAN-028A-B	S5700 Fan box(F,FAN panel side intake)
Card	ES5D21X02S01	2 10 Gig SFP+ Interface Card(used in S5720EI series)
	ES5D21X02T01	2 10 Gig RJ45 Interface Card(used in S5720EI series)
	ES5D21VST000	Dedicated stack card with 2*QSFP+ interface(Including one PCS of 1M QSFP+ cable ,Used in S5720EI series)

### Compare To Similar Items:

Models	<a href="#">S5720-56C-EI-DC</a>	<a href="#">S5720-56C-PWR-EI-DC</a>	<a href="#">S5720-56C-EI-48S-DC</a>
Fixed Ports	48 x 10/100/1,000 Base-T, 4 x 10 Gig SFP+	48 x 10/100/1,000 Base-T, 4 x 10 Gig SFP+	48 x 100/1,000 Base-X SFP, 4 x 10 Gig SFP+
Extended Slots	One extended	One extended	One extended
PoE	Not supported	Supported	Not supported
Forwarding Performance	162 Mpps	162 Mpps	162 Mpps
Switching Capacity	598 Gbit/s	598 Gbit/s	598 Gbit/s
Front Power Input	No	No	No
Power Consumption	40.5W	without PD: 53.5W, with PD: < 1,564.8W (PoE: 1,440W)	68.8W

Get more information:

Do you have any question about the S5720-56C-EI-48S-DC 02350NHP?

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

### Specific Data Sheet:

Part Number	02350NHP
Model	S5720-56C-EI-48S-DC
Memory (RAM)	2 GB

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Flash	512 MB in total. To view the available flash memory size, run the display version command.
Mean time between failures (MTBF)	73.91 years when no card is configured; 68.42 years when a 2-port 10GE SFP+ interface card is configured; 66.63 years when a 2-port 10GE RJ45 interface card is configured; 66.77 years when a stack card is configured
Mean time to repair (MTTR)	2
Availability	> 0.99999
Service port surge protection	Ports on the 2-port 10GE RJ45 rear interface card: $\pm 2$ kV in common mode
Power supply surge protection	Using AC power modules: $\pm 6$ kV in differential mode, $\pm 6$ kV in common mode Using DC power modules: $\pm 1$ 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): 44.4 mm x 442.0 mm x 424.7 mm (1.75 in. x 17.4 in. x 16.72 in.) Maximum dimensions (the depth is the distance from ports on the front panel to the handle on the rear panel): 44.4 mm x 442.0 mm x 451.8 mm (1.75 in. x 17.4 in. x 17.79 in.)
Weight (with packaging)	9.9 kg (21.83 lb)
Stack ports	Ports on the 2-port 10GE SFP+ rear interface card Ports on the 2-port 10GE RJ45 rear interface card Ports on the 2-port QSFP+ rear stack card
RTC	Supported
RPS	Not supported
PoE	Not supported
Rated voltage range	100 V AC to 240 V AC, 50/60 Hz -48 V DC to -60 V DC
Maximum voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz -36 V DC to -72 V DC
Maximum power consumption (100% throughput, full speed of fans)	104 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> <li>• No PoE power consumption</li> </ul>	68.82 W (without card) 76.55 W (with 2*10GE optical card) 81.23 W (with 2*QSFP+ stack card) 83.78 W (with 2*10GE electrical card)
Operating temperature	0°C to 45°C (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)
Short-term operating temperature	-5°C to +50°C (23°F to 122°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)	< 51.2 dB(A)
Relative humidity	5% to 95%, noncondensing
Operating altitude	AC power modules configured: 0-5000 m (0-16404 ft.) DC power modules configured: 0-2000 m (0-6562 ft.)
Certification	EMC certification Safety certification Manufacturing certification

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