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Overview

Huawei S5720-56C-EI-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 10/100/1,000 Base-T Ethernet ports and 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. It also has multiple kinds of card modules to be equipped with. Huawei S5720-56C-EI-DC Gigabit Switch is dedicated to helping customers build a reliable, secure and high performance next-generation IT network.
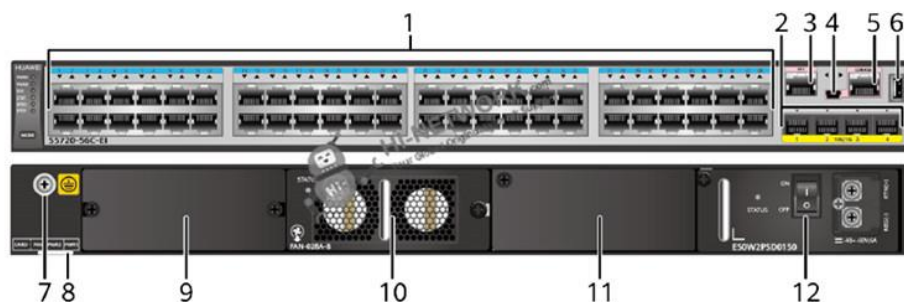
Quick Specification

Model	S5720-56C-EI-DC
Part Number	02350NHK
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)]	9.8 kg (21.61 lb)
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.)

Product Details:

Appearance:

①	Forty-eight 10/100/1000BASE-T 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-DC:

Recommended Modules:

	Model	Description
Power Module	ES0W2PSA0150	150W AC Power Module(Black)
	ES0W2PSD0150	150W DC Power Module(Black)
Optical Transceiver	eSFP-GE-SX-MM850	Optical Transceiver, eSFP, GE, Multi-mode Module(850nm,0.55km,LC)
	SFP-GE-LX-SM1310	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)
	S-SFP-GE-LH40-SM1550	Optical Transceiver, eSFP, GE, Single-mode Module(1550nm,40km,LC)
	SFP-1000BaseT	Electrical Transceiver, SFP , GE ,Electrical Interface Module(100m,RJ45)
	SFP-10G-USR	10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module(850nm,0.1km,LC)
	OMXD30000	Optical Transceiver, SFP+, 10G, Multi-mode Module(850nm,0.3km,LC)
	OSX010000	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	S5720-56C-EI-DC	S5720-56C-PWR-EI-DC	S5720-56C-EI-48S-DC
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-DC 02350NHK?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Part Number	02350NHK
Model	S5720-56C-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)	71.18 years when no card is configured; 66.07 years when a 2-port 10GE SFP+ interface card is configured; 66.40 years when a 2-port 10GE RJ45 interface card is configured; 64.53 years when a stack card is configured
Mean time to repair (MTTR)	2
Availability	> 0.99999
Service port surge protection	Service ports on front panel: ±6 kV in common mode Ports on the 2-port 10GE RJ45 rear interface card: ±2 kV in common mode
Power supply surge protection	Using AC power modules: ±6 kV in differential mode, ±6 kV in common mode Using DC power modules: ±1 kV in differential mode, ±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)	9.8 kg (21.61 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)	86.9 W
Typical power consumption (30% of traffic load) • Tested according to ATIS standard • EEE enabled • No PoE power consumption	40.45 W (without card) 47.78 W (with 2*10GE optical card) 52.87 W (with 2*QSFP+ stack card) 55.85 W (with 2*10GE electrical card)
Operating temperature	0℃ to 45℃ (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)
Short-term operating temperature	-5℃ to +50℃ (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)
Storage temperature	-40℃ to +70℃ (-40°F to +158°F)
Noise under normal temperature (27℃, 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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