

## Datasheet

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## Overview

Huawei S5720-28X-PWR-SI-DC is one of the S5720-SI switches. The S5720-SI series switches (S5720-SI for short) are next-generation standard gigabit Layer 3 Ethernet switches based on a new generation of high-performance hardware and Huawei Versatile Routing Platform (VRP). They provide large switching capacity and high-density GE and 10 GE uplink interfaces. With extensive service features and IPv6 forwarding capabilities, the S5720-SI can be used as access or aggregation switches on campus networks or access switches in data centers. The S5720-SI series integrates many advanced technologies in terms of reliability, security, and energy savings. Simple and convenient to install and maintain, reducing customers' O&M costs and helping enterprise customers build next-generation IT networks.

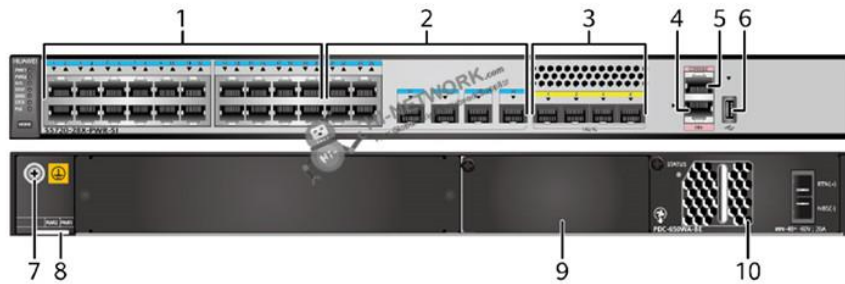
## Quick Specification

Model	S5720-28X-PWR-SI-DC
Part Number	02350NGW
Memory (RAM)	512 MB
Flash	512 MB in total. To view the available flash memory size, run the <b>display version</b> command.
PoE	Supported
Weight with packaging [kg(lb)]	9.3 kg (20.51 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.)

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### Product Details:

#### Appearance:



①	Twenty PoE+ 10/100/1000BASE-T ports
②	Four combo ports (10/100/1000BASE-T (PoE+) + 100/1000BASE-X)
③	Four 10GE SFP+ ports
④	One ETH management port
⑤	One console port
⑥	One USB port
⑦	Ground screw
⑧	ESN label
⑨	Power module slot 2
⑩	Power module slot 1

### The Accessories for S5720-28X-PWR-SI-DC:

#### Recommended models:

Model	Description
<b>FE-SFP Optical Transceiver</b>	
<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)
<b>GE-SFP Optical Transceiver</b>	

## Datasheet

<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)
<b>10G-SFP+ Optical Transceiver</b>	
<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)
<b>GE Copper Transceiver</b>	
<a href="#">SFP-1000BaseT</a>	Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)

### Compare to Similar Items:

Product Code	<a href="#">S5720-28X-PWR-SI-DC</a>	<a href="#">S5720-52X-PWR-SI-DC</a>	<a href="#">S5720-32X-EI-24S-DC</a>
Switching Capacity	336 Gbit/s	336 Gbit/s	598 Gbit/s
Forwarding Performance	96 Mpps	96 Mpps	102 Mpps
PoE Available	PoE+	PoE+	No
Fixed Interfaces	24 Ethernet 10/100/1,000 ports, 4 of which are dual-purpose 10/100/1,000 or SFP, and 4 x 10 Gig SFP+	48 x Ethernet 10/100/1,000 ports,and 4 x 10 Gig SFP+	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

Get more information:

Do you have any question about the S5720-28X-PWR-SI-DC 02350NGW?

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

### Specific Data Sheet:

Part Number	02350NGW
Model	S5720-28X-PWR-SI-DC
Memory (RAM)	512 MB
Flash	512 MB in total. To view the available flash memory size, run the display version command.
Mean time between failures (MTBF)	66.78 years
Mean time to repair (MTTR)	2
Availability	> 0.99999

## Datasheet

Service port surge protection	Common mode: $\pm 6$ kV
Power supply surge protection	Using 500 W AC power modules: $\pm 6$ kV in differential mode, $\pm 6$ kV in common mode Using 650 W DC power modules: $\pm 2$ kV in differential mode, $\pm 4$ 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)	9.3 kg (20.51 lb)
Stack ports	GE electrical ports and 10GE SFP+ optical ports except combo ports on the front panel
RTC	Supported
RPS	Not supported
PoE	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 -38.4 V DC to -72 V DC
Maximum power consumption (100% throughput, full speed of fans)	Not providing the PoE function: 56.3 W 100% PoE loads: 887 W (system power consumption: 147 W, PoE: 740 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>	32.6 W
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)	< 56.5 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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