

# Datasheet

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## Overview

S5720-36C-PWR-EI-DC (28 Ethernet 10/100/1000 PoE+ ports, 4 of which are dual-purpose 10/100/1000 or SFP, 4 10 Gig SFP, with 650W DC power) 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.

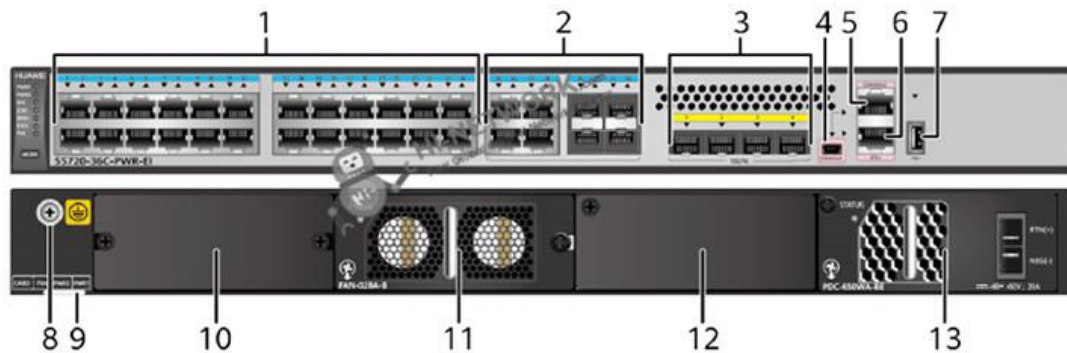
## Quick Specification

Model	S5720-36C-PWR-EI-DC
Part Number	02350NHL
Memory (RAM)	2 GB
Flash	512 MB in total. To view the available flash memory size, run the display version command.
PoE	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	Twenty-four 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 mini USB port
⑤	One console port
⑥	One ETH management port
⑦	One USB port
⑧	Ground screw
⑨	ESN label
⑩	Rear card slot
⑪	Fan slot
⑫	Power module slot 2
⑬	Power module slot 1

### The Accessories for S5720-36C-PWR-EI-DC:

#### Recommended elements:

Model	Description
FE-SFP Optical Transceiver	

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<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>	
<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)
<b>10GE Interface Card</b>	
ES5D21X02T01	2 10 Gig RJ45 Interface Card(used in S5720EI series)
ES5D21X02S01	2 10 Gig SFP+ Interface Card(used in S5720EI series)
<b>Stack Card</b>	
ES5D21VST000	Dedicated stack card with 2*QSFP+ interface(Including one PCS of 1M QSFP+ cable ,Used in S5720EI series)

### Compare to Similar Items:

Product Code	<a href="#">S5720-36C-PWR-EI-DC</a>	<a href="#">S5720-32P-EI-AC</a>
Switching Capacity	598 Gbit/s	598 Gbit/s
Forwarding Performance	132 Mpps	48 Mpps
Fixed Interfaces	28 x 10/100/1,000 Base-T Ethernet ports, 4 x combo 100/1,000 Base-X SFP ports, and 4 x 10G SFP+ ports	24 x 10/100/1,000 Base-T Ethernet ports, 4 x 100/1,000 Base-X SFP ports, and 4 x 1,000 Base-X SFP ports
PoE Available	PoE+	No
Extended Slot	One extended slot that supports an uplink interface card or private stack card	NA
Dimensions (W x D x H)	442 mm x 420 mm x 44.4 mm	442 mm x 220 mm x 43.6 mm
Front Power Input	No	Yes

Get more information:

Do you have any question about the S5720-36C-PWR-EI-DC 02350NHL?

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## Specific Data Sheet:

Part Number	02350NHL
Model	S5720-36C-PWR-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)	60.72 years when no card is configured; 56.97 years when a 2-port 10GE SFP+ interface card is configured; 55.72 years when a 2-port 10GE RJ45 interface card is configured; 55.82 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: $\pm 6$ kV in common mode Ports on the 2-port 10GE RJ45 rear interface card: $\pm 2$ kV in common mode
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)	9.9 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	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: 78 W 100% PoE loads: 864.3 W (system power consumption: 124.3 W, PoE: 740 W)
Typical power consumption (30% of traffic load)	48.45 W (without card) 56.14 W (with 2*10GE optical card) 60.76 W (with 2*QSFP+ stack card) 64.8 W (with 2*10GE electrical card)
<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.)
Short-term operating temperature	-5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)

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Storage temperature	-40°C to +70°C (-40°F to +158°F)
Noise under normal temperature (27°C, sound power)	< 53.7 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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