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## Overview

Huawei S5300 Series Switch S5352C-EI Mainframe 48 10/100/1000 RJ-45, Chassis, Dual Slots of power, Without Flexible Card and Power Module, Basic layer 3 Features. It is one of the Quidway S5300 series gigabit switches. The Quidway S5300 series gigabit switches (hereinafter referred to as the S5300s) are new generation Ethernet gigabit switches developed by Huawei to meet the requirements for high-bandwidth access and Ethernet multiservice convergence, providing powerful Ethernet functions for carriers and enterprise customers. Based on the new generation high-performance hardware and Huawei Versatile Routing Platform (VRP) software, the S5300 features large capacity and gigabit interfaces of high density, provides 10G uplinks, meeting customers' requirements for the 1G and 10G uplink devices of high density. The S5300 can meet the requirements of multiple scenarios such as service convergence on campus networks and intranets, the access to the IDC at a rate of 1000 Mbit/s, and the access to computers at a rate of 1000 Mbit/s on intranets.

## Quick Specification

Table 1 shows the quick specification.

Model	LS-S5352C-EI
Part Number	02351622
Description	S5352C-EI Mainframe (48 10/100/1000Base-T ports and supports 2 10GE XFP subcards, 4 1000Base-X SFP subcards, 2 10GE SFP+ subcards, and 4 10GE SFP+ subcards, Dual Slots of power, Without Flexible Card and Power Module)
Fixed Port	48*10/100 /1000 Base-TX
Extended slot	Two extended slots, which can be installed with uplink subcard and stacking card respectively
Port switching capacity (bit/s)	176 Gbit/s
Board switching capacity	256 Gbit/s
Forwarding Performance	132 Mpps
RPS	Not supported
PoE	No
Mean time between failures (MTBF)	46.05 years when a 2x10GE card is configured; 57.08 years when a 4xGE front card is configured; 25.58 years when a 4x10GE front card is configured
Memory	256 MB
Flash	32 MB
Input voltage	AC: Rated voltage: 100 V to 240 V AC, 50/60 Hz Maximum voltage: 90 to 264 V AC, 50/60 Hz DC: Rated voltage range: -48 V to -60 V, DC Maximum voltage: -36 to -72 V DC Note: POE hosts do not support DC power modules.
Power consumption	< 88 W
Dimensions (W x D x H)	442.0 mm x 420.0 mm x 43.6 mm

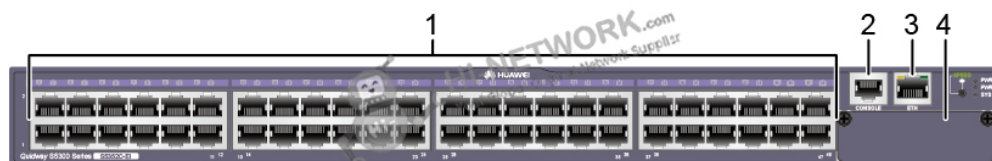
Weight	Fully loaded ≤ 8.5 kg Empty loaded ≤ 5 kg
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Figure 1 shows the appearance of LS-S5352C-EI.



## Product Details

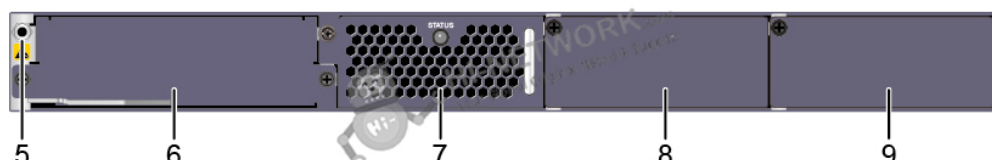
Figure 2 shows the front panel of LS-S5352C-EI.



Note:

(1)	Forty-eight 10/100/1000BASE-T Ethernet electrical ports	(3)	One ETH management port
(2)	One console port	(4)	Front card slot

Figure 3 shows the back panel of LS-S5352C-EI.



Note:

(5)	ESD jack	(8)	Power module slot 2
(6)	Rear card slot	(9)	Power module slot 1
(7)	Fan module slot		

## The Modules

Table 2 shows the recommended elements for the LS-S5352C-EI.

Model	Description
FE-SFP Optical Transceiver	
<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)
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)
10G-SFP+ Optical Transceiver	
<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)

## Compare to Similar Items

Table 3 shows the comparison of LS-S5352C-EI, LS-S5328C-PWR-EI and LS-S5328C-EI-24S.

Model	LS-S5352C-EI	<a href="#">LS-S5328C-PWR-EI</a>	<a href="#">LS-S5328C-EI-24S</a>
Fixed Port	48*10/100 /1000 Base-TX	24*10/100 /1000 Base-TX	24*10/100 /1000 Base-TX
Port switching capacity (bit/s)	176 Gbit/s	128 Gbit/s	128 Gbit/s
Board switching capacity	256 Gbit/s	256 Gbit/s	256 Gbit/s
Forwarding Performance	132 Mpps	96 Mpps	96 Mpps
RPS	Not supported	Not supported	Not supported
PoE	No	Yes	No
Mean time between failures (MTBF)	46.05 years when a 2x10GE card is configured; 57.08 years when a 4xGE front card is configured; 25.58 years when a 4x10GE front card is configured	52 years when a 2x10GE card is configured; 55.4 years when a 4xGE front card is configured	41.33 years when a 2x10GE card is configured; 50.00 years when a 4xGE front card is configured; 26.52 years when a 4x10GE front card is configured
Memory	256 MB	256 MB	256 MB

Flash	32 MB	32 MB	32 MB
Power consumption	< 88 W	Max: 472 W (PoE: 370 W)	< 60 W

## Get more information

Do you have any question about the LS-S5352C-EI (02351622)?

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

## Specification

LS-S5352C-EI Specification	
Technical Specifications	
Memory (RAM)	256 MB
Flash	32 MB
Mean time between failures (MTBF)	46.05 years when a 2x10GE card is configured; 57.08 years when a 4xGE front card is configured; 25.58 years when a 4x10GE front card is configured
Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port protection	±2 kV in common mode
Power supply protection	Non-PoE switch: – AC: ±6 kV in differential mode; ±6 kV in common mode – DC: ±1 kV in differential mode; ±2 kV in common mode
Dimensions (W x D x H)	442.0 mm x 420.0 mm x 43.6 mm
Weight	Fully loaded: ≤ 8.5 kg Empty loaded: ≤ 5 kg
Stack ports	Two stack ports available on each stack card
Maximum stack bandwidth (bidirectional)	48 Gbit/s
RPS	Not supported
PoE	Yes
Rated voltage range	-48 V DC to -60 V DC 100 V AC to 240 V AC, 50/60 Hz
Maximum voltage range	-36 V DC to -72 V DC 90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum system power consumption (100% throughput, 100% PoE loads, full speed of fans)	88 W
Operating temperature	0°C to 50°C



Storage temperature	-40°C to +70°C
Noise under normal temperature (27°C, sound power)	less than 41 dBA
Relative humidity	5% RH to 95% RH, noncondensing
Operating altitude	Non-PoE switch: – AC: 0 m to 5000 m – DC: 0 m to 2000 m
EMC	CISPR22 Class A CISPR24 EN55022 Class A EN50024 ETSI EN 300 386 Class A CFR 47 FCC Part 15 Class A ICES 003 Class A AS/NZS CISPR22 Class A IEC61000-4-2 ITU-T K 20 ITU-T K 44
Environmental standards	RoHS REACH WEEE
Security	IEC 60950-1 EN 60950-1/A11/A12 UL 60950-1 CSA C22.2 No 60950-1 AS/NZS 60950.1
Laser safety	IEC60825-1 IEC60825-2 EN60825-1 EN60825-2

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LS-S5352C-EI (02351622)

Datasheet



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