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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 |

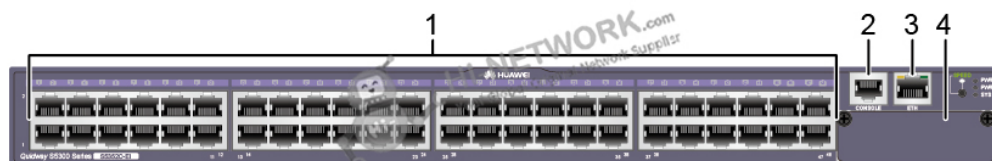
| | |
|--------|--|
| Weight | Fully loaded ≤ 8.5 kg Empty loaded ≤ 5 kg |
|--------|--|

Figure 1 shows the appearance of LS-S5352C-EI.



Product Details

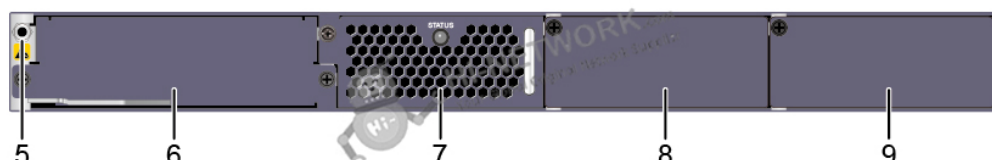
Figure 2 shows the front panel of LS-S5352C-EI.



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 | |
| SFP-FE-SX-MM1310 | Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC) |
| eSFP-FE-LX-SM1310 | Optical Transceiver, eSFP, 100M/155M, Single-mode Module (1310nm, 15km, LC) |
| S-SFP-FE-LH40-SM1310 | Optical Transceiver, eSFP, FE, Single-mode Module (1310nm, 40km, LC) |
| GE-SFP 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) |
| 10G-SFP+ Optical Transceiver | |
| 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) |

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 | LS-S5328C-PWR-EI | LS-S5328C-EI-24S |
|-----------------------------------|--|--|--|
| 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.

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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