

## Datasheet

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## Overview

The CloudEngine S5731-H series switches are the next-generation intelligent gigabit fixed switches developed by Huawei. The CloudEngine S5731-H builds on Huawei's unified Versatile Routing Platform (VRP) and boasts various IDN features.

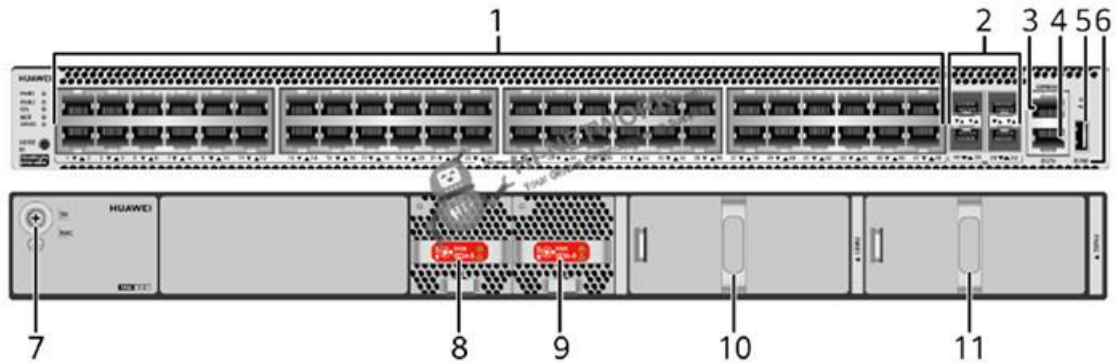
## Quick Specification

Model	S5731S-H48T4S-A
Part Number	02353DJG/02353DJG-003/02353DJG-005
Memory (RAM)	4 GB
Flash memory	1 GB in total. To view the available flash memory size, run the <b>display version</b> command.
PoE	Not supported
Dimensions (H x W x D)	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 420.0 mm (1.72 in. x 17.4 in. x 16.5 in.) Maximum dimensions (the depth is the distance from ports on the front panel to the handle on the rear panel): 43.6 mm x 442.0 mm x 448.0 mm (1.72 in. x 17.4 in. x 17.7 in.)
Weight (with packaging)	9.5 kg (20.94 lb)

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### Product Details:

#### Appearance:



①	Forty-eight 10/100/1000BASE-T ports
②	Four 1000BASE-X ports
③	One console port
④	One ETH management port
⑤	One USB port
⑥	One PNP button
⑦	Ground screw
⑧	Fan module slot 1
⑨	Fan module slot 2
⑩	Power module slot 1
⑪	Power module slot 2

### The Accessories for S5731S-H48T4S-A

#### Recommended elements for the S5731S-H24T4S-A

Models	Descriptions
<a href="#">OMXD30000</a>	Huawei Optical Transceiver OMXD30000, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)
<a href="#">SFP-GE-LX-SM1310</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC)

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OMXD30009	Transceiver, QSFP+, 1310nm, 41.25Gbps, -7dBm, 2.3dBm, -11.5dBm, LC, SMF, 10
<a href="#">ESFP-GE-SX-MM850</a>	Optical Transceiver, eSFP, GE, Multi-mode Module (850nm,0.5km, LC)

Get more information:

Do you have any question about the S5731S-H48T4S-A 02353DJG/02353DJG-003/02353DJG-005?

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

## Specific Data Sheet:

Part Number	02353DJG/02353DJG-003/02353DJG-005
Model	S5731S-H48T4S-A
Memory (RAM)	4 GB
Flash	1 GB in total. To view the available flash memory size, run the <b>display version</b> command.
Mean time between failures (MTBF)	55.31 years
Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port surge protection	Common mode: $\pm 6$ kV
Power supply surge protection	Using AC power modules: $\pm 6$ kV in differential mode, $\pm 6$ kV in common mode Using 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): 43.6 mm x 442.0 mm x 420.0 mm (1.72 in. x 17.4 in. x 16.5 in.) Maximum dimensions (the depth is the distance from ports on the front panel to the handle on the rear panel): 43.6 mm x 442.0 mm x 448.0 mm (1.72 in. x 17.4 in. x 17.7 in.)
Weight (with packaging)	9.5 kg (20.94 lb)
Stack ports	1000BASE-X ports on the front panel
RTC	Supported
RPS	Not supported
PoE	Not supported
Rated voltage range	AC input: 100 V AC to 240 V AC, 50/60 Hz High-Voltage DC input: 240 V DC DC input: -48 V DC to -60 V DC
Maximum voltage range	AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz High-Voltage DC input: 190 V DC to 290 V DC DC input: -38.4 V DC to -72 V DC
Maximum power consumption (100% throughput, full speed of fans)	113 W
Typical power consumption (30% of traffic load, tested according to ATIS standard)	85 W
Operating temperature	-5°C to +45°C (23°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)
Storage temperature	-40°C to +70°C (-40°F to +158°F)



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Noise under normal temperature (27°C, sound power)	< 57.5 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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