

# Datasheet

[Get a Quote](#)

## 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-H48T4XC-A
Part Number	02352YRF/02352YRF -003/02352YRF-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 without packaging (H x W x D) [mm(in.)]	<p>Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 420.0 mm (1.72 in. x 17.40 in. x 16.54 in.)</p> <p>Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x 448.0 mm (1.72 in. x 17.40 in. x 17.64 in.)</p>
Dimensions with packaging (H x W x D) [mm(in.)]	185 mm x 650 mm x 550 mm (7.28 in. x 25.59 in. x 21.65 in.)
Weight without packaging [kg(lb)]	6.2 (13.67)
Weight with packaging [kg(lb)]	9.5

## Datasheet

### Product Details:

#### Appearance:



### The Accessories for S5731S-H48T4XC-A

#### Recommended elements for the S5731S-H48T4XC-A

Models	Descriptions
PAC600S12-CB	600W AC Power Module(Back to Front, Power panel side exhaust)
ES5D21Q02Q00	2-port 40GE QSFP+ interface card

## Datasheet

ES5D21X08T00	8-port 10GE Base-T interface card
<a href="#">eSFP-GE-SX-MM850</a>	Optical Transceiver,eSFP,GE,Multi-mode Module(850nm,0.55km,LC)
<a href="#">S-SFP-GE-LH40-SM1550</a>	Optical Transceiver,eSFP,GE,Single-mode Module(1550nm,40km,LC)
<a href="#">SFP-GE-LX-SM1310</a>	Optical Transceiver,eSFP,GE,Single-mode Module(1310nm,10km,LC)
SFP-GE-ZBXU1	Optical Transceiver,eSFP,GE,BiDi Single-mode Module(1490nm(Tx)/1570nm(Rx),80km,LC)
<a href="#">LE2MGSC40DE0</a>	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1310/RX1490,40km,LC)
<a href="#">LE2MGSC40ED0</a>	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1490/RX1310,40km,LC)
<a href="#">SFP-GE-LX-SM1310-BIDI</a>	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1310/RX1490,10km,LC)
<a href="#">SFP-10G-iLR</a>	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,1.4km,LC)
<a href="#">CWDM-SFPGE-1611</a>	CWDM Optical Transceiver,eSFP,2.5G,Single-mode Module(1611nm,80km,LC)
<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="#">SFP-1000BaseT</a>	Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)
<a href="#">OSX010000</a>	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)

### Compare to Similar Items

Product Code	<a href="#">S5731S-H24T4XC-A</a>	<a href="#">S5731S-H48T4XC-A</a>
Memory (RAM)	4 GB	4 GB
Flash	1 GB in total. To view the available flash memory size, run the display version command.	1 GB in total. To view the available flash memory size, run the display version command.
Mean time between failures (MTBF)	57.73 years	55.31 years
Mean time to repair (MTTR)	2 hours	2 hours
Availability	> 0.99999	> 0.99999
Service port surge protection	Common mode: ±6 kV	Common mode: ±6 kV
Stack ports	10GE SFP+ ports on the front panel, or ports on the rear card	10GE SFP+ ports on the front panel, or ports on the rear card
RTC	Supported	Supported
RPS	Not supported	Not supported
PoE	Not supported	Not supported
Maximum power consumption (100% throughput, full speed of fans)	114 W (without card)	124 W (without card)
Typical power consumption (30% of traffic load, tested according to ATIS standard)	88 W (without card)	101 W (without card)

Get more information:

Do you have any question about the S5731S-H48T4XC-A 02352YRF/02352YRF -003/02352YRF-005?

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

# Datasheet

## Specific Data Sheet:

Part Number	02352YRF/02352YRF -003/02352YRF-005
Model	S5731S-H48T4XC-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 without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 420.0 mm (1.72 in. x 17.40 in. x 16.54 in.) Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x 448.0 mm (1.72 in. x 17.40 in. x 17.64 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	185 mm x 650 mm x 550 mm (7.28 in. x 25.59 in. x 21.65 in.)
Weight without packaging [kg(lb)]	6.2 (13.67)
Weight with packaging [kg(lb)]	9.5
Stack ports	10GE SFP+ 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)	124 W
Typical power consumption (30% of traffic load, tested according to ATIS standard)	101 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)
Noise under normal temperature (27°C, sound power)	< 57.5 dB(A)
Relative humidity	5% to 95%, noncondensing



## Datasheet

Operating altitude	0-5000 m (0-16404 ft.)
Certification	EMC certification Safety certification Manufacturing certification

## Want to Buy

Get a Quote



[Learn More](#) about Hi-Network



[Search](#) our Resource Library



[Follow](#) us on LinkedIn



Contact for [Sales or Support](#)

## Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: [info@hi-network.com](mailto:info@hi-network.com)

Skype: [echo.hinetwork](https://www.skype.com/people/echo.hinetwork)

WhatsApp Business: +8618057156223

