

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	S5731-H48P4XC
Part Number	02352SVD/02352SVD-001/02352SVD-003
Memory (RAM)	4 GB
Flash memory	1 GB in total. To view the available flash memory size, run the display version command.
PoE	Supported
Dimensions (H x W x D)	<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 17.4 in. x 16.5 in.)</p> <p>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.)</p>
Weight (with packaging)	8.8 kg (19.40 lb)

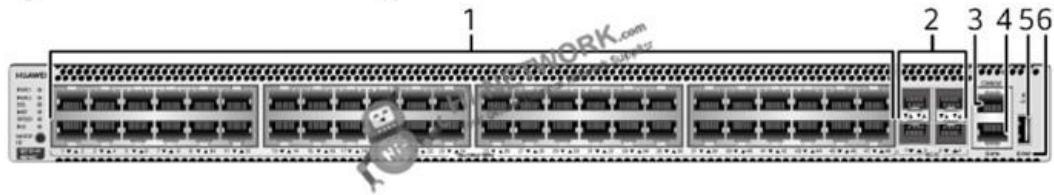
Difference between Part Number

Model	S5731-H48P4XC		
Part Number	02352SVD	02352SVD-001	02352SVD-003
Heat dissipation mode	Heat dissipation with fan, intelligent fan speed adjustment	Heat dissipation with fan, intelligent fan speed adjustment	Air cooling for heat dissipation, intelligent fan speed adjustment
Long-term operating temperature [°C(°F)]	-5°C to +45°C (23°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)	-5°C to +45°C (23°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)	-5°C to +45°C (23°F to 113°F) at an altitude of 0 to 1800 m (0 to 5905.44 ft.)
Long-term operating relative humidity [RH]	5% to 95%, noncondensing	5% to 95%, noncondensing	5% RH to 95% RH (non-condensing)

Datasheet

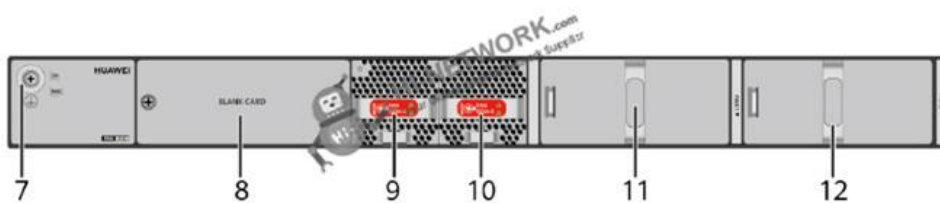
Product Details:

The Front Panel:



①	Forty-eight PoE+ 10/100/1000BASE-T ports
②	Four 10GE SFP+ ports
③	One console port
④	One ETH management port
⑤	One USB port
⑥	One PNP button

The Back Panel:



⑦	Ground screw
---	--------------

Datasheet

⑧	Rear card slot
⑨	Fan module slot 1
⑩	Fan module slot 2
⑪	Power module slot 1
⑫	Power module slot 2

The Accessories for S5731-H48P4XC

Recommended elements for the S5731-H48P4XC

Models	Descriptions
eSFP-GE-SX-MM850	Optical Transceiver,eSFP,GE,Multi-mode Module(850nm,0.55km,LC)
S-SFP-GE-LH40-SM1550	Optical Transceiver,eSFP,GE,Single-mode Module(1550nm,40km,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-LH80-SM1550	Optical Transceiver,eSFP,GE,Single-mode Module(1550nm,80km,LC)
SFP-GE-ZBXU1	Optical Transceiver,eSFP,GE,BiDi Single-mode Module(1490nm(Tx)/1570nm(Rx),80km,LC)
SFP-GE-LX-SM1490-BIDI	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1490/RX1310,10km,LC)
SFP-GE-ZBXD1	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(1570nm(Tx)/1490nm(Rx),80km,LC)
LE2MGSC40DE0	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1310/RX1490,40km,LC)
SFP-GE-LX-SM1310-BIDI	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1310/RX1490,10km,LC)
LE2MGSC40ED0	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1490/RX1310,40km,LC)
SFP-GE-BXU1-SC	1000Base,BIDI Optical Transceiver,SFP,GE,Single-mode Module(TX1490nm/RX1310nm,10km,SC)
SFP-10G-iLR	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,1.4km,LC)
SFP-10G-USR	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)
SFP-1000BaseT	Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)
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

Models	S5731-H24P4XC	S5731-H24T4XC	S5731-H48P4XC	S5731-H48T4XC
Fixed port	24 x 10/100/1000Base-T (PoE+) ports, 4 x 10GE	24 x 10/100/1000Base-T ports, 4 x 10GE SFP+ ports	48 x 10/100/1000Base-T (PoE+) ports, 4 x 10GE	48 x 10/100/1000Base-T ports, 4 x 10GE SFP+



Datasheet

	SFP+ ports		SFP+ ports	ports
Dimensions (H x W x D)	43.6 mm x 442 mm x 420mm	43.6 mm x 442 mm x 420mm	43.6 mm x 442 mm x 420mm	43.6 mm x 442 mm x 420mm
Chassis height	1 U	1 U	1 U	1 U
Chassis weight (including packaging)	8.6 kg	8.4 kg	8.8 kg	8.55 kg
Extended slot	One extended slot, support 2 x 40GE, 8 x 10GE Base-T, 2 x 25GE SFP28 or 8 x 10GE SFP+ cards	One extended slot, support 2 x 40GE, 8 x 10GE Base-T, 2 x 25GE SFP28 or 8 x 10GE SFP+ cards	One extended slot, support 2 x 40GE, 8 x 10GE Base-T, 2 x 25GE SFP28 or 8 x 10GE SFP+ cards	One extended slot, support 2 x 40GE, 8 x 10GE Base-T, 2 x 25GE SFP28 or 8 x 10GE SFP+ cards
Power supply type	1000 W PoE AC (pluggable)	<ul style="list-style-type: none"> • 600 W AC (pluggable) • 150 W AC (pluggable) • 1000 W DC (pluggable) 	1000 W PoE AC (pluggable)	<ul style="list-style-type: none"> • 600 W AC (pluggable) • 150 W AC (pluggable) • 1000 W DC (pluggable)
Rated voltage range	AC input (1000 W AC PoE): 100 V AC to 240 V AC, 50/60 Hz	<ul style="list-style-type: none"> • AC input (600 W AC): 100 V AC to 240 V AC, 50/60 Hz • AC input (150 W AC): 100 V AC to 240 V AC, 50/60 Hz • DC input (1000 W DC): -48 VDC to -60 V DC 	AC input (1000 W AC PoE): 100 V AC to 240 V AC, 50/60 Hz	<ul style="list-style-type: none"> • AC input (600 W AC): 100 V AC to 240 V AC, 50/60 Hz • AC input (150 W AC): 100 V AC to 240 V AC, 50/60 Hz • DC input (1000 W DC): -48 VDC to -60 V DC
Maximum power consumption	<ul style="list-style-type: none"> • 121 W (without PD) • 977 W (with PD, PD power consumption of 720 W) 	114 W	<ul style="list-style-type: none"> • 132 W (without PD) • 1750 W (with PD, PD power consumption of 1440 W) 	124 W

Get more information:

Do you have any question about the S5731-H48P4XC 02352SVD/02352SVD-001/02352SVD-003?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Part Number	02352SVD/02352SVD-001/02352SVD-003
Model	S5731-H48P4XC
Memory (RAM)	4 GB
Flash	1 GB in total. To view the available flash memory size, run the display version command.
Mean time between failures (MTBF)	54.96 years
Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port surge protection	Common mode: ± 6 kV



Datasheet

Power supply surge protection	Using AC power modules: ± 6 kV in differential mode, ± 6 kV in common mode Using DC power modules: ± 2 kV in differential mode, ± 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)	8.8 kg (19.40 lb)
Stack ports	10GE SFP+ ports on the front panel, or ports on the rear card
RTC	Supported
RPS	Not supported
PoE	Supported
Rated voltage range	AC input: 100 V AC to 130 V AC, 200 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)	Not providing the PoE function: 132 W (without card) 100% PoE loads: 1750 W (PoE: 1440 W, without card)
Typical power consumption (30% of traffic load, tested according to ATIS standard)	108 W (without card)
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)	< 62.3 dB(A)
Relative humidity	5% to 95%, noncondensing
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

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

WhatsApp Business: +8618057156223