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## Overview

S1730S-H48T4S-A is a Huawei S1730S series switch, providing 48 x 10/100/1000Base-T Ethernet ports, 4 x GE SFP ports, and AC power supply. Huawei CloudEngine S1730S series switches are designed for small to medium-sized businesses, including Internet cafes, hotels, schools, and others. With feature-rich services and a silent energy-saving design that's easy to install and maintain, CloudEngine S1730S helps customers build secure, reliable, and high-performance networks.

## Quick Specification

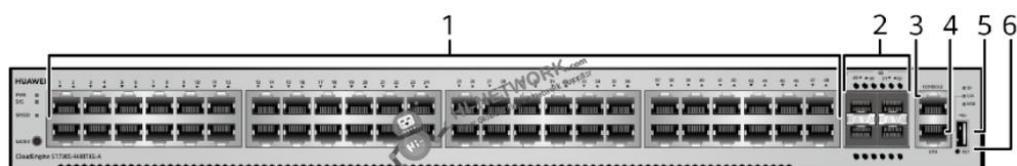
Model	S1730S-H48T4S-A
Part Number	98010956
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
PoE	Not supported
Rated voltage range	100 V AC to 240 V AC, 50/60 Hz High-voltage DC input: 240 V DC
Weight with packaging [kg(lb)]	4.42 kg (9.74 lb)
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 220.0 mm (1.72 in. x 17.40 in. x 8.66 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 227.0 mm (1.72 in. x 17.40 in. x 8.94 in.)

## Datasheet

### Product Details:

#### The Front Panel:

#### The Front Panel:



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 RST button

#### The Back Panel:



⑦	Ground screw
⑧	Jack reserved for AC power cable locking strap
⑨	AC power socket

## The Accessories for S1730S-H48T4S-A

### Applicable Modules

Product	Description
<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)
<a href="#">S-SFP-GE-LH80-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 80km, LC)
<a href="#">eSFP-GE-ZX100-SM1550</a>	Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 100km, LC)
<a href="#">SFP-GE-LX-SM1310-BIDI</a>	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 10km, LC)
<a href="#">SFP-GE-LX-SM1310-BIDI</a>	BiDi Transceiver, eSFP, Tx1310nm/Rx1490nm, 1.25Gb/s, -9dBm, -3dBm, -19.5dBm, LC, SM, 10km
<a href="#">SFP-GE-LX-SM1490-BIDI</a>	Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 10km, LC)
<a href="#">SFP-GE-LX-SM1490-BIDI</a>	BiDi Transceiver, eSFP, Tx1490nm/Rx1310nm, 1.25Gb/s, -9dBm, -3dBm, -19.5dBm, LC, SM, 10km
<a href="#">CWDM-SFPGE-1471</a>	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1471nm, 80km, LC)
<a href="#">CWDM-SFPGE-1491</a>	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1491nm, 80km, LC)
<a href="#">CWDM-SFPGE-1511</a>	CWDM Optical Transceiver, eSFP, 2.5G, Single-mode Module (1511nm, 80km, LC)
<a href="#">DWDM-SFPGE-1560-61</a>	DWDM Optical Transceiver.eSFP.2.5G.Single-mode Module (1560.61nm.120km.LC)
<a href="#">SFP-1000BaseT</a>	1000BASE-T (RJ45) SFP Electrical Module, Auto Negotiate, 100m

### Compare to Similar Items

Model	<a href="#">S1730S-H24T4S-A</a>	<a href="#">S1730S-H48T4S-A</a>
Forwarding Performance	41.66 mpps	77.38 mpps
Switching Capacity	168 Gbit/s	216 Gbit/s
Fixed Ports	24 x 10/100/1000Base-T Ethernet ports, 4 x GE SFP ports	48 x 10/100/1000Base-T Ethernet ports, 4 x GE SFP ports

Get more information:

Do you have any question about the [S1730S-H48T4S-A](#) 98010956?

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

## Datasheet

## Specific Data Sheet:

Part Number	98010956
Model	<a href="#">S1730S-H48T4S-A</a>
First Supported Version	V200R019C10
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 220.0 mm (1.72 in. x 17.4 in. x 8.7 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 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.)
Chassis height [U]	1
Weight with packaging [kg(lb)]	4.42
Typical power consumption [W]	37
Typical heat dissipation [BTU/hour]	126.25
Maximum power consumption [W]	53
Maximum heat dissipation [BTU/hour]	180.8
MTBF [year]	46.36
MTTR [hour]	2
Availability	>0.99999
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 220.0 mm (1.72 in. x 17.4 in. x 8.7 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 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.)
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Typical heat dissipation [BTU/hour]	126.25
Maximum power consumption [W]	53
Maximum heat dissipation [BTU/hour]	180.8
MTBF [year]	46.36
MTTR [hour]	2
Availability	>0.99999
Noise at normal temperature (acoustic power) [dB(A)]	53.3
Noise at normal temperature (acoustic pressure) [dB(A)]	38.5
Number of card slots	0
Number of power slots	0
Number of fans modules	1



## Datasheet

Redundant power supply	Not supported
Long-term operating temperature [° C(° F)]	-5° C to +50° C (23° F to 122° F) at an altitude of 0-1800 m (0-5906 ft.)
Short-term operating temperature [° C(° F)]	-5° C to +55° C (23° F to 131° F) at an altitude of 0-1800 m (0-5906 ft.)
Restriction on the operating temperature variation rate [° C(° F)]	<p>When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature reduces by 1° C (1.8° F) every time the altitude increases by 220 m (722 ft.).</p> <p>The equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:</p> <ul style="list-style-type: none"> <li>- The equipment operates at a temperature of over 50° C (122° F) consecutively for at most 96 hours in one year.</li> <li>- The equipment operates at a temperature of over 50° C (122° F) for a total of no more than 360 hours in one year.</li> <li>- The equipment operates at a temperature of over 50° C (122° F) for no more in 15 times in one year.</li> </ul> <p>The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded.</p> <p>The equipment cannot start when the temperature is lower than 0° C (32° F). The maximum distance of optical modules used in these conditions cannot exceed 10 km.</p>
Storage temperature [° C(° F)]	-40° C to +70° C (-40° F to +158° F)
Long-term operating relative humidity [RH]	5% to 95%, noncondensing
Long-term operating altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Storage altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Power supply mode	AC built-in
Rated input voltage [V]	<ul style="list-style-type: none"> <li>- AC input: 100 V AC to 240 V AC, 50/60 Hz</li> <li>- High-Voltage DC input: 240 V DC</li> </ul>
Input voltage range [V]	<ul style="list-style-type: none"> <li>- AC input: 90 V AC to 264 V AC, 47 Hz to 63 Hz</li> <li>- High-Voltage DC input: 190 V DC to 290 V DC</li> </ul>
Memory	1 GB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
Console port	RJ45
Eth Management port	RJ45
USB	Supported
RTC	Not supported
RPS input	Not supported
Service port surge protection [kV]	Common mode: ±7 kV
Power supply surge protection [kV]	±6 kV in differential mode, ±6 kV in common mode
Types of fans	Built-in
Heat dissipation mode	Heat dissipation with fan, intelligent fan speed adjustment
Airflow direction	Air intake from left and front, air exhaustion from right
PoE	Not supported
Certification	EMC certification Safety certification





Manufacturing certification

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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

