

# Datasheet

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## Overview

Huawei CloudEngine S6730-H series full-featured 10 GE switches are Huawei's new-generation fixed switches ,to provide 10 GE downlink ports as well as 100 GE uplink ports.

## Quick Specification

Model	S6730-H48X6C
Part Number	Bundle version: 02353FWL/02353FWL-003/02353FWL-005/02353FWL-006 Without bundle: 02352FSF/02352FSF -003/02352FSF-007/02352FSF-009/02352FSF-011
Memory	4 GB
Flash memory	2 GB in total. To view the available flash memory size, run the display version command.
PoE	Not supported
Weight with packaging [kg(lb)]	9.2 (20.28)
Weight without packaging [kg(lb)]	5.84 (12.87)
Dimensions (W x D x H)	442 mm x 420 mm x 43.6 mm

## Difference between Part Number

Model	<a href="#">S6730-H48X6C</a>			
Part Number	02353FWL	02353FWL-003	02353FWL-005	02353FWL-006
Maximum input current [A]	The current specifications depend on the pluggable power modules in use. For details, see the related power module specifications.	The current specifications depend on the pluggable power modules in use. For details, see the related power module specifications.	The current specifications are related to the pluggable power module. For details, see Pluggable Power Modules.	The current specifications are related to the pluggable power module. For details, see Pluggable Power Modules.

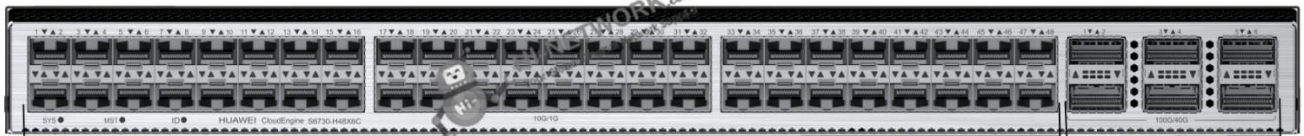


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Long-term operating temperature [° C(° F)]	- 5° C to +45° C (23° F to 113° F) at an altitude of 0 to 1800 m (0 to 5905.51 ft.)	- 5° C to +45° C (23° F to 113° F) at an altitude of 0 to 1800 m (0 to 5905.51 ft.)	- 5° C to +45° C (23° F to 113° F) at an altitude of 0 to 1800 m (0 to 5905.51 ft.)	- 5° C to +45° C (23° F to 113° F) at an altitude of 0 to 1800 m (0 to 5905.44 ft.)
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## Product Details:

### The Front Panel:

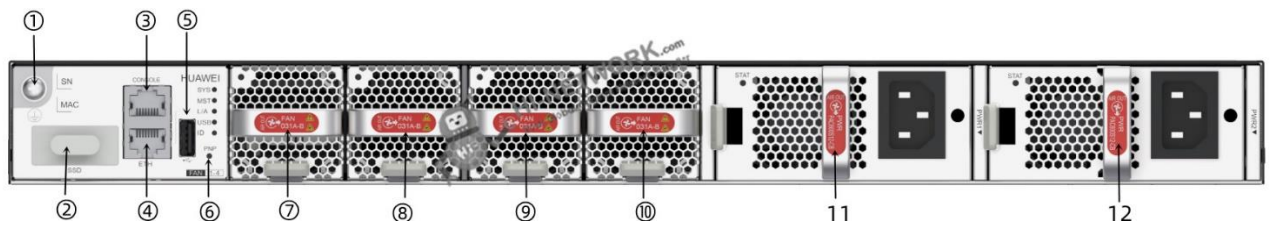


①

②

①	Forty-eight 10GE SFP+ ports
②	Six 40GE/100GE QSFP28 optical ports

### The Back Panel:



①	Ground screw
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②	SSD card slot
③	One console port
④	One ETH management port
⑤	One USB port
⑥	One PNP button
⑦	Fan module slot 1
⑧	Fan module slot 2
⑨	Fan module slot 3
⑩	Fan module slot 4
11	Power module slot 1
12	Power module slot 2

## The Accessories for S6730-H48X6C

### Recommended products for the S6730-H48X6C

Models	Descriptions
<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="#">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-SM1490-BIDI</a>	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(TX1490/RX1310,10km,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)
SFP-GE-ZBXD1	Optical Transceiver,eSFP,GE,BIDI Single-mode Module(1570nm(Tx)/1490nm(Rx),80km,LC)
SFP-GE-ZBXU1	Optical Transceiver,eSFP,GE,BiDi Single-mode Module(1490nm(Tx)/1570nm(Rx),80km,LC)
<a href="#">SFP-GE-BXU1-SC</a>	1000Base,BIDI Optical Transceiver,SFP,GE,Single-mode Module(TX1490nm/RX1310nm,10km,SC)
<a href="#">CWDM-SFPGE-1551</a>	CWDM Optical Transceiver,eSFP,2.5G,Single-mode Module(1551nm,80km,LC)
<a href="#">CWDM-SFPGE-1571</a>	CWDM Optical Transceiver,eSFP,2.5G,Single-mode Module(1571nm,80km,LC)
<a href="#">CWDM-SFPGE-1591</a>	CWDM Optical Transceiver,eSFP,2.5G,Single-mode Module(1591nm,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>	Electrical Transceiver,SFP,GE,Electrical Interface Module(100m,RJ45)
<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)

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<a href="#">SFP-10G-iLR</a>	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,1.4km,LC)
<a href="#">OSX010000</a>	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)
<a href="#">OSX040N01</a>	Optical Transceiver,SFP+,10G,Single-mode Module(1550nm,40km,LC)
SFP-10G-ER-1310	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,40km,LC)
<a href="#">SFP-10G-ZR</a>	10GBase-ZR Optical Transceiver,SFP+,10G,Single-mode Module(1550nm,80km,LC)
<a href="#">SFP-10G-ZCW1551</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1551nm,70km,LC)
<a href="#">SFP-10G-ZCW1571</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1571nm,70km,LC)
<a href="#">SFP-10G-ZCW1591</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1591nm,70km,LC)
<a href="#">SFP-10G-ZCW1611</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1611nm,70km,LC)
QSFP-40G-SR4	40GBase-SR4 Optical Transceiver,QSFP+,40G,Multi-mode (850nm,0.15km,MPO)
QSFP-40G-iSR4	40GBase-iSR4 Optical Transceiver,QSFP+,40G,Multi-mode (850nm,0.15km,MPO)(Connect to four SFP+ Optical Transceiver)
QSFP-40G-eSR4	40GBase-eSR4 Optical Transceiver,QSFP+,40G,Multi-mode (850nm,0.3km,MPO)(Connect to four SFP+ Optical Transceiver)

### Compare to Similar Items

Models	<a href="#">S6730-H24X6C</a>	<a href="#">S6730-H48X6C</a>
Fixed ports	24 x 10 Gig SFP+, 6 x 40/100 Gig QSFP28	48 x 10 Gig SFP+, 6 x 40/100 Gig QSFP28
Dimensions (W x D x H)	442 mm x 420 mm x 43.6 mm	442 mm x 420 mm x 43.6 mm
Chassis height(U)	1U	1U
Input voltage	<ul style="list-style-type: none"> <li>• AC Power</li> <li>- Rated AC voltage: 100V to 240V AC; 50/60 Hz</li> <li>- Max. AC voltage: 90V to 290V AC; 45-65 Hz</li> <li>• DC Power</li> <li>- Rated DC voltage: -48V~-60V</li> <li>- Max. DC voltage: -38.4V DC~-72V DC</li> </ul>	<ul style="list-style-type: none"> <li>• AC Power</li> <li>- Rated AC voltage: 100V to 240V AC; 50/60 Hz</li> <li>- Max. AC voltage: 90V to 290V AC; 45-65 Hz</li> <li>• DC Power</li> <li>- Rated DC voltage: -48V~-60V</li> <li>- Max. DC voltage: -38.4V DC~-72V DC</li> </ul>
Input current	AC 600W: Max 8A DC 1000W: Max 30A	AC 600W: Max 8A DC 1000W: Max 30A
Maximum power consumption	231W	274W
Minimum power consumption	97W	97W

Get more information:

Do you have any question about the S6730-H48X6C 02353FWL/02353FWL-003/02353FWL-005/02353FWL-006?

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

### Specific Data Sheet:

Part Number	Bundle version: 02353FWL/02353FWL-003/02353FWL-005/02353FWL-006
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# Datasheet

	Without bundle: 02352FSF/02352FSF -003/02352FSF-007/02352FSF-009/02352FSF-011
Model	S6730-H48X6C
Wide [mm]	442.0 mm
Depth [mm]	420.0 mm
Height [mm]	43.6 mm
Chassis height [U]	1
Weight with packaging [kg(lb)]	9.2 (20.28)
Weight without packaging [kg(lb)]	5.84 (12.87)
Typical power consumption [W]	165
Maximum power consumption [W]	291
Typical heat dissipation [BTU/hour]	563
Maximum heat dissipation [BTU/hour]	992.92
Heat dissipation mode	Air cooling for heat dissipation, intelligent fan speed adjustment
Power supply mode	Pluggable power supply
Rated input voltage [V]	- 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
Input voltage range [V]	- AC input: 90-290 V AC; 45-65 Hz - High-voltage DC input: 190 V DC to 290 V DC - DC input: -38.4 V DC to -72 V DC
Maximum input current [A]	The current specifications depend on the pluggable power modules in use. For details, see the related power module specifications.
Number of card slots	0
Number of power slots	2
Memory	4 GB
Flash memory	2 GB in total. To view the available flash memory size, run the display version command.
Redundant power supply	1+1 Pluggable AC and DC power modules can be used together in the same switch.
Types of fans	Pluggable
Noise at normal temperature (acoustic pressure) [dB(A)]	52
Noise at normal temperature (acoustic power) [dB(A)]	65
Airflow direction	Air intake from front, air exhaustion from rear (front-to-rear)
Long-term operating temperature [°C(°F)]	-5°C to +45°C (23°F to 113°F) at an altitude of 0 to 1800 m (0 to 5905.51 ft.)
Short-term operating temperature [°C(°F)]	Not supported
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Restriction on the operating temperature variation rate	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.).

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	<p>Devices cannot start when the temperature is lower than 0°C (32°F).</p> <p>When the QSFP-100G-ER4 optical module is used, the operating temperature ranges from -5°C to +40°C (23°F to 104°F).</p>
Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	0–5000 m (0–16404 ft.)
Storage altitude [m(ft.)]	0–5000 m (0–16404 ft.)
MTBF [year]	56.87
MTTR [hour]	2
Availability	>0.99999
10GE optical interface	48
100G optical interface	6
USB	Supported
Console port	RJ45
Eth Management port	RJ45
Service port surge protection	-
Power supply surge protection	<p>- AC power module configured: ±6 kV in differential mode, ±6 kV in common mode</p> <p>- DC power module configured: ±2 kV in differential mode, ±4 kV in common mode</p>
RPS input	Not supported
PoE	Not supported

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S6730-H48X6C (02353FWL/-003/005/006)



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