



## 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

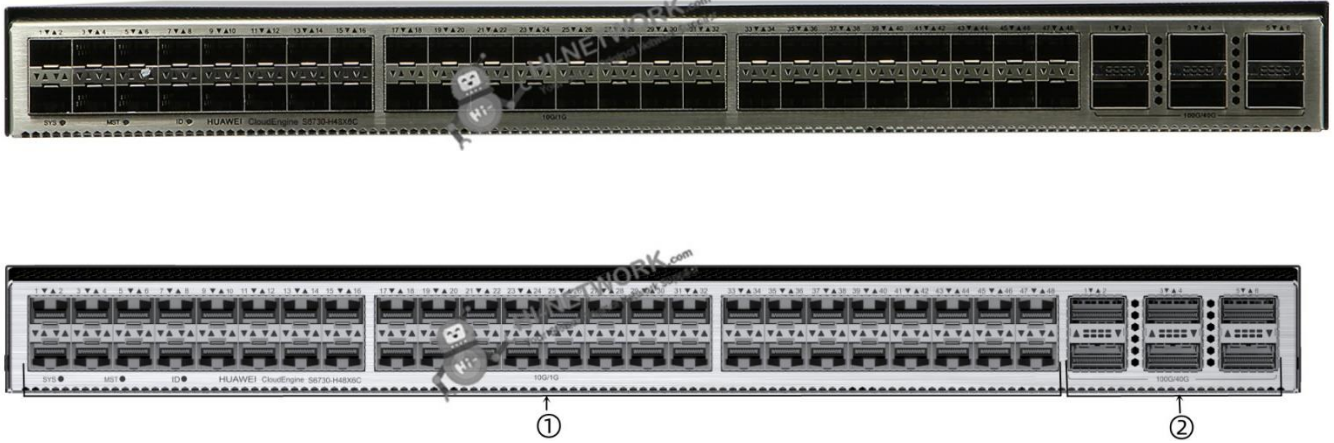
Model	<a href="#">S6730-H48X6C</a>				
Part Number	02353FSF	02353FSF-003	02353FSF-007	02353FSF-009	02353FSF-011
Long-term operating temperature [°C(°F)]	-5°C to +45°C (23°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)	-5°C to +45°C (23°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)	-5°C to +45°C (23°F to 113°F) at an altitude of 0 to 1800 m (0 to 5905.51 ft.)	-5°C to +45°C (23°F to 113°F) at an altitude of 0 to 1800 m (0 to 5905.44 ft.)	-5°C to +45°C (23°F to 113°F) at an altitude of 0 to 1800 m (0 to 5905.44 ft.)



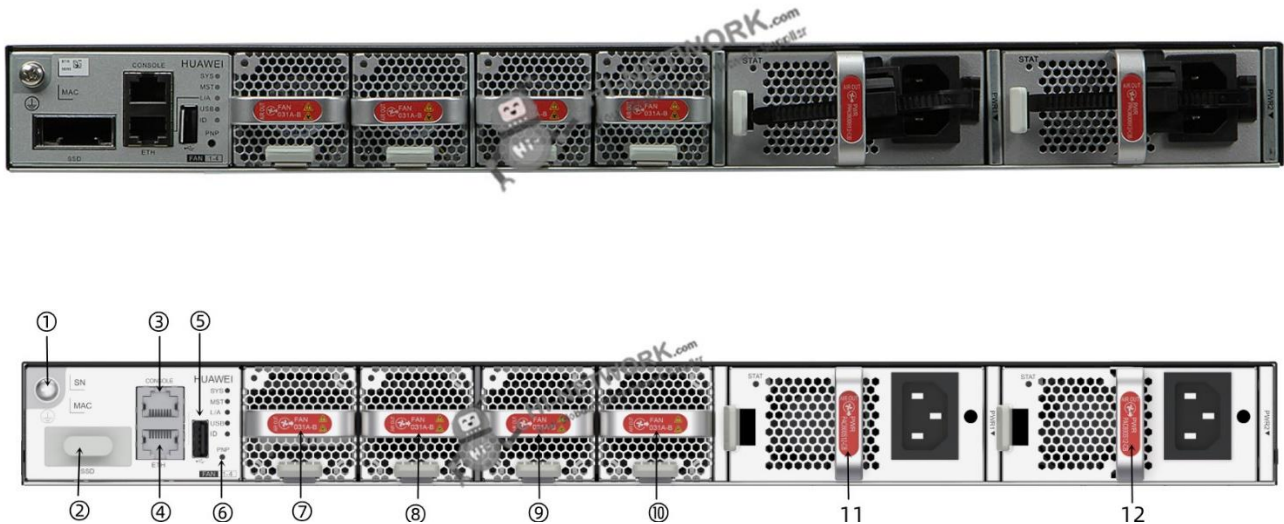
# Datasheet

## Product Details:

### The Front Panel:



### The Back Panel:



①	Forty-eight 10GE SFP+ ports
②	Six 40GE/100GE QSFP28 optical ports
③	Ground screw
④	SSD card slot
⑤	One console port
⑥	One ETH management port



## Datasheet

⑦	One USB port
⑧	One PNP button
⑨	Fan module slot 1
⑩	Fan module slot 2
⑪	Fan module slot 3
⑫	Fan module slot 4
⑬	Power module slot 1
⑭	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)
<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)



## Datasheet

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 Without bundle: 02352FSF/02352FSF -003/02352FSF-007/02352FSF-009/02352FSF-011
Model	S6730-H48X6C
Wide [mm]	442.0 mm

## Datasheet

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.). Devices cannot start when the temperature is lower than 0°C (32°F). When the QSFP-100G-ER4 optical module is used, the operating temperature ranges from -5°C to +40°C (23°F to 104°F).
Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)



## Datasheet

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	- AC power module configured: $\pm 6$ kV in differential mode, $\pm 6$ kV in common mode - DC power module configured: $\pm 2$ kV in differential mode, $\pm 4$ kV in common mode
RPS input	Not supported
PoE	Not supported

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