

# Datasheet

[Get a Quote](#)

## 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<br>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. |

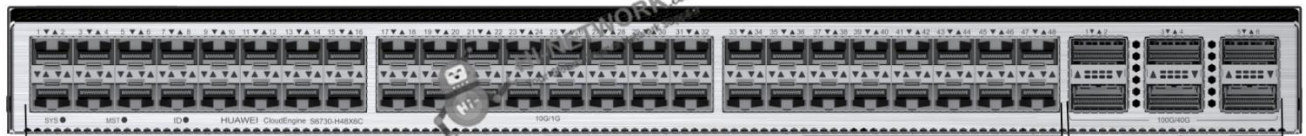


## Datasheet

|  |   |   |   |   |
|--|---|---|---|---|
| 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.) |
|--|---|---|---|---|

## Product Details:

### The Front Panel:

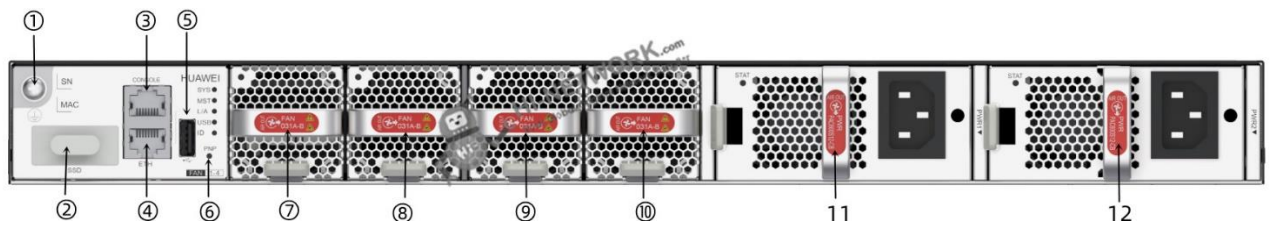


①

②

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

### The Back Panel:



|   |              |
|---|--------------|
| ① | Ground screw |
|---|--------------|



## Datasheet

|    |                         |
|----|-------------------------|
| 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)                         |

## Datasheet

|                                 |  |
|---------------------------------|--|
| <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<br>DC 1000W: Max 30A  | AC 600W: Max 8A<br>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 |
|-------------|---|

# 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<br>- High-voltage DC input: 240 V DC<br>- DC input: -48 V DC to -60 V DC   |
| Input voltage range [V]                                 | - AC input: 90-290 V AC; 45-65 Hz<br>- High-voltage DC input: 190 V DC to 290 V DC<br>- 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<br>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.). |



## Datasheet

|  |  |
|--|--|
|  | Devices cannot start when the temperature is lower than 0°C (32°F).<br>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)   |
| 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: ±6 kV in differential mode, ±6 kV in common mode<br>- DC power module configured: ±2 kV in differential mode, ±4 kV in common mode                           |
| RPS input                                  | Not supported  |
| PoE  | Not supported  |

## 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



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



**HI-NETWORK.com**  
Your Global Original Network Supplier

## Datasheet

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

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

WhatsApp Business: [+8618057156223](https://wa.me/8618057156223)

