

# Datasheet

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## Overview

CloudEngine S6730-S series full-featured 10 GE switches are Huawei's new generation fixed switches ,to provide 10 GE downlink ports as well as 40 GE uplink ports. CloudEngine S6730-S can be used to provide high-speed access for 10 Gbit/s access to high-density servers or function as a core/aggregation switch on a campus network to provide 40 Gbit/s rate. In addition, CloudEngine S6730-S provides a wide variety of services, comprehensive security policies, and various QoS features to help customers build scalable, manageable, reliable, and secure campus and data center networks.

## Quick Specification

Model	S6730S-S24X6Q-A
Part Number	02353AJX/02353AJX-001/02353AJX-003/02353AJX-004
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)	9.84 kg (21.69 lb)
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 446.0 mm (1.72 in. x 17.4 in. x 17.6 in.)</p>

## Difference between Part Number

Model	<a href="#">S6730S-S24X6Q-A</a>			
Part Number	02353AJX	02353AJX-001	02353AJX-003	02353AJX-004
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	Air cooling for heat dissipation, intelligent fan speed adjustment
Maximum input current [A]	The current specifications depend on the pluggable power modules in use. For	The current specifications depend on the pluggable power modules in use. For	The current specifications depend on the pluggable power modules in use. For	The current specifications are related to the pluggable power module. For details, see

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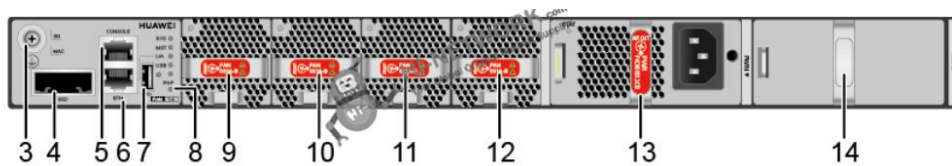
	details, see the related power module specifications.	details, see the related power module specifications.	details, see the related power module specifications.	Pluggable Power Modules.
Long-term operating temperature [°C(°F)]	-5° C to +45° C (23° F to 113° F) at an altitude of 0-1800 m (0-5906 ft.)	-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.)

## Product Details:

### The Front Panel:



### The Back Panel:



①	Twenty-four 10GE SFP+ ports
②	Six 40GE QSFP+ optical ports
③	Ground screw
④	SSD card slot
⑤	One console port
⑥	One ETH management port
⑦	One USB port
⑧	One PNP button
⑨	Fan module slot 1
⑩	Fan module slot 2

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⑪	Fan module slot 3
⑫	Fan module slot 4
⑬	Power module slot 1
⑭	Power module slot 2

## The Accessories for S6730S-S24X6Q-A

### Recommended elements for the S6730-S Series

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)
S-SFP-GE-LH40-SM1310	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-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-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="#">CWDM-SFPGE-1531</a>	CWDM Optical Transceiver,eSFP,2.5G,Single-mode Module(1531nm,80km,LC)
<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="#">CWDM-SFPGE-1611</a>	CWDM Optical Transceiver,eSFP,2.5G,Single-mode Module(1611nm,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)

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<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)
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-BXU1</a>	10GBase,BIDI Optical Transceiver,SFP+,10G,Single-mode Module(TX1270nm/RX1330nm,10km,LC)
<a href="#">SFP-10G-BXD1</a>	10GBase,BIDI Optical Transceiver,SFP+,10G,Single-mode Module(TX1330nm/RX1270nm,10km,LC)
SFP-10G-ER-SM1330-BIDI	Optical Transceiver,SFP+,10G,BIDI Single-mode Module(TX 1330nm/RX 1270nm,40km,LC)
SFP-10G-ER-SM1270-BIDI	Optical Transceiver,SFP+,10G,BIDI Single-mode Module(TX 1270nm/RX 1330nm,40km,LC)
<a href="#">SFP-10G-ZCW1471</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1471nm,70km,LC)
<a href="#">SFP-10G-ZCW1491</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1491nm,70km,LC)
<a href="#">SFP-10G-ZCW1511</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1511nm,70km,LC)
<a href="#">SFP-10G-ZCW1531</a>	Optical Transceiver,SFP+,10G,Single-mode Module(CWDM,1531nm,70km,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)
QSFP-40G-iSM4	40GBase-iSM4 Optical Transceiver,QSFP+,40G,Single-mode Module (1310nm,1.4km,MPO)(Connect to four SFP+ Optical Transceiver)
QSFP-40G-eSM4	40GBase-eSM4 Optical Transceiver,QSFP+,40G,Single-mode Module (1310nm,10km,MPO)(Connect to four SFP+ Optical Transceiver)

Get more information:

Do you have any question about the S6730S-S24X6Q-A 02353AJX/02353AJX-001/02353AJX-003/02353AJX-004?

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

## Specific Data Sheet:

Part Number	02353AJX/02353AJX-001/02353AJX-003/02353AJX-004
Model	S6730S-S24X6Q-A
Memory (RAM)	4 GB
Flash	2 GB in total. To view the available flash memory size, run the <b>display version</b> command.
Mean time between failures (MTBF)	62.27 years



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Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port surge protection	N/A
Power supply surge protection	Using AC power modules: $\pm 6$ kV in differential mode, $\pm 6$ kV in common mode Using DC power modules: $\pm 2$ kV in differential mode, $\pm 4$ 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 446.0 mm (1.72 in. x 17.4 in. x 17.6 in.)
Weight (with packaging)	9.84 kg (21.69 lb)
Stack ports	Any 10GE SFP+ ports (a maximum of 16 physical ports) Any 40GE QSFP+ ports (a maximum of 6 physical ports)
RTC	Supported
RPS	Not supported
PoE	Not supported
Rated voltage range	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
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)	249 W
Typical power consumption (30% of traffic load, tested according to ATIS standard)	135 W
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)	< 65 dB(A)
Relative humidity	5% to 95%, noncondensing
Operating altitude	0-5000 m (0-16404 ft.)
Certification	EMC certification Safety certification Manufacturing certification

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HongKong Office Tel: +00852-66181601

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

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

WhatsApp Business: +8618057156223