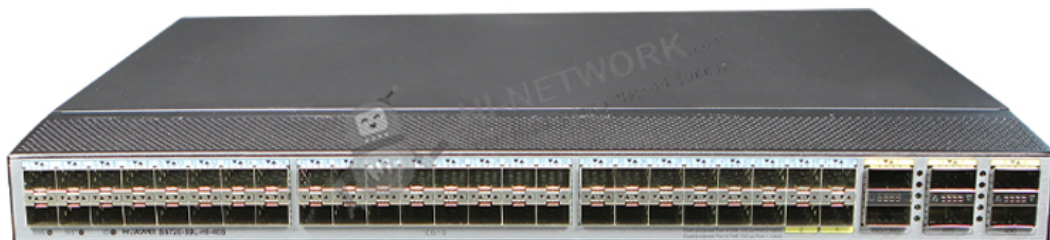# Overview

Huawei S6720-HI series 10 GE switches are fixed agile switches with 10 GE downlink and 40 GE/100 GE uplink ports, and are applicable to enterprise campus, carrier, university, and government networks. The S6720-HI delivers abundant agility features, and uses the fully programmable architecture to implement software-defined functions and on-demand service changes. With services and network convergence as the core, the S6720-HI supports the native AC function to manage APs. In addition, the switch provides the free mobility feature to ensure consistent user experience, and the Super Virtual Fabric (SVF) feature to virtualize the entire network into one device.

Quick Specification

Table 1 shows the quick specification.

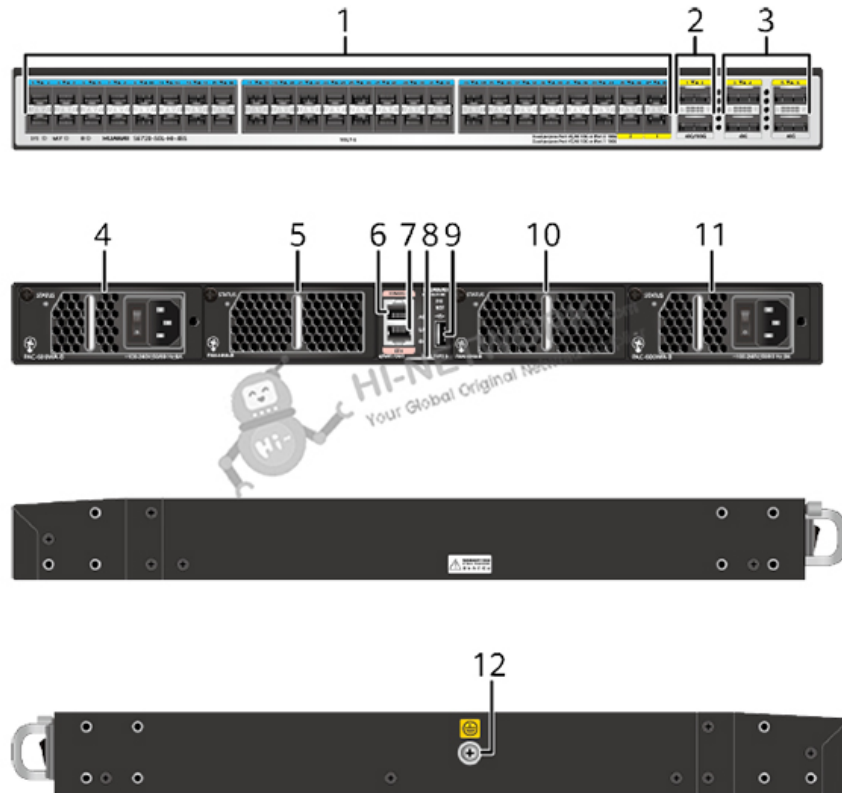|	
Model	S6720-50L-HI-48S
Part Number	02351MXN
Description	S6720-50L-HI-48S (48*10GE SFP+ ports, 6*40GE QSFP+ or 44*10GE SFP+ ports, 4*40GE QSFP+ ports, 2*100GE QSFP28 ports, without power module)
Memory	2 GB
Flash memory	1 GB in total. To view the available flash memory size, run the display version command.
Typical power consumption	194 W
Relative humidity	5% to 95%, noncondensing

Figure 1 shows the appearance of S6720-50L-HI-48S.

Product Details

Figure 2 shows the structure of S6720-50L-HI-48S.

Note:

(1)	Forty-eight 10GE SFP+ ports	(7)	One ETH management port
(2)	Two 100GE/40GE QSFP28 ports	(8)	ESN label
(3)	Four 40GE QSFP+ ports	(9)	One USB port
(4)	Power module slot 1	(10)	Fan slot 2
(5)	Fan slot 1	(11)	Power module slot 2
(6)	One console port	(12)	Ground screw

Get More Information

Do you have any question about the S6720-50L-HI-48S (02351MXN)?

Contact us now via info@hi-network.com.

Specification

S6720-50L-HI-48S Datasheet	
Model	S6720-50L-HI-48S
Part Number	02351MXN
Description	S6720-50L-HI-48S (48*10GE SFP+ ports, 6*40GE QSFP+ or 44*10GE SFP+ ports, 4*40GE QSFP+ ports, 2*100GE QSFP28 ports, without power module)
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 445.6 mm (1.72 in. x 17.4 in. x 17.54 in.)
Memory (RAM)	2 GB
Flash	1 GB in total. To view the available flash memory size, run the display version command.
Mean time between failures (MTBF)	54.65 years
Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port surge protection	NA
Power supply surge protection	Using AC power modules: ±6 kV in differential mode, ±6 kV in common mode Using DC power modules: ±1 kV in differential mode, ±2 kV in common mode
Stack ports	The last 36 10GE SFP+ ports (a maximum of 16 physical ports) Any 40GE QSFP+ ports (a maximum of 6 physical ports) Any 100GE QSFP28 ports (a maximum of 2 physical ports)
RTC	Supported
RPS	Not supported
PoE	Not supported
Rated voltage range	100 V AC to 240 V AC, 50/60 Hz -48 V DC to -60 V DC
Maximum voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz -38.4 V DC to -72 V DC
Maximum power consumption (100% throughput, full speed of fans)	279 W
Typical power consumption (30% of traffic load, tested according to ATIS standard)	194 W
Operating temperature	0°C to 45°C (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.) NOTE: 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.).
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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