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## Overview

HUAWEI S5732-H48XUM2CC Switch is brand-new full- 10GE switch developed for the Wi-Fi 6 era with 24 x 10GE SFP+, 24 x 100M/1G/2.5G/5G/10G Base-T Ethernet ports, 4 x 1/10/25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28 ports. The item builds on Huawei's unified Versatile Routing Platform (VRP) and boasts various IDN features. For example, the integrated wireless AC capabilities can manage up to 1 ,024 wireless Access Points; the free mobility feature ensures consistent user experience; the VXLAN functionality implements network virtualization; and built-in security probes support abnormal traffic detection, threat analysis even in encrypted traffic, and network-wide threat deception. HUAWEI CloudEngine S5732-H48XUM2CC Switch provides independent optical/electrical working mode and optical/electrical synergy working mode. It can work as aggregation switch for medium- and large-sized campus networks, access switch in small- and micro-sized data centers, and supports long-distance access for Wi-Fi 6 AP.

## Quick Specification

Table 1 shows the quick specification.

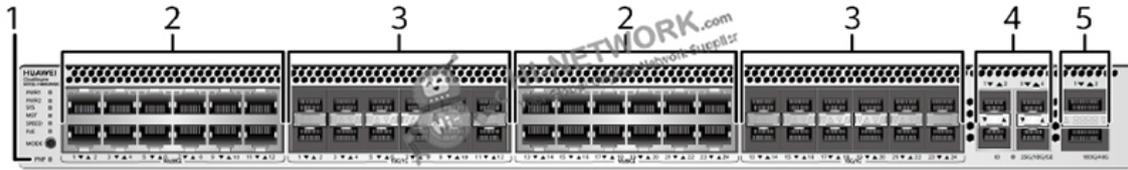
Model	S5732-H48XUM2CC
Part Number	02353MLH 02353MLH-001
Ports	24 x 10GE SFP+, 24 x 100M/1G/2.5G/5G/10G Base-T Ethernet ports, 4 x 1/10/25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28 ports
Forwarding performance	490Mpps
Switching capacity	1.76 Tbps/2.4 Tbps
PoE	Supported
Power consumption	< 14.5 W
Dimensions: width x depth x height	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	8.2 kg (18.08 lb)

Figure 1 shows the appearance of S5732-H48XUM2CC.



## Product Details

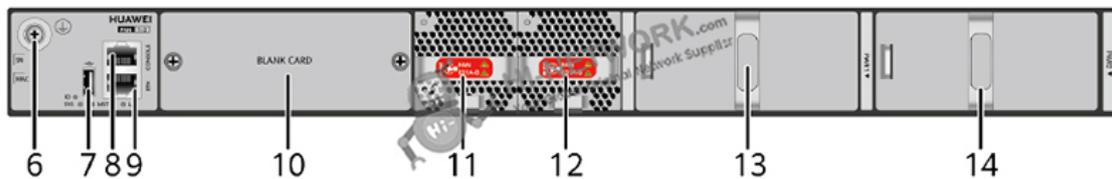
Figure 2 shows the front panel of S5732-H48XUM2CC.



Note:

(1)	One PNP button	(4)	Four 1GE/10GE/25GE SFP28 optical ports
(2)	Twenty-four PoE++ 100M/1000M/2.5GE/5GE/10GE BASE-T ports (multi-GE ports)	(5)	Two 40GE/100GE QSFP28 optical ports
(3)	Twenty-four 10GE SFP+ ports		

Figure 3 show the back panel of S5732-H48XUM2CC.



Note:

(6)	Ground screw	(11)	Fan module slot 1
(7)	One USB port	(12)	Fan module slot 2
(8)	One console port	(13)	Power module slot 1
(9)	One ETH management port	(14)	Power module slot 2
(10)	Rear card slot		

## Get more information

Do you have any question about the S5732-H48XUM2CC (02353MLH, 02353MLH-001)?

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

## Specification

### S5732-H48XUM2CC Specification

Model	S5732-H48XUM2CC
Ports	24 x 10GE SFP+, 24 x 100M/1G/2.5G/5G/10G Base-T Ethernet ports, 4 x 1/10/25GE SFP28 + 2 x 40GE QSFP+ or 2 x 100GE QSFP28 ports
Memory (RAM)	4 GB
Flash	2 GB in total. To view the available flash memory size, run the display version command.
Mean time between failures (MTBF)	32.38 years
Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port surge protection	Common mode: $\pm 6$ kV
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 (including package)	8.2 kg (18.08 lb)
Stack ports	Any Ethernet electrical ports (10GE), optical ports on the front panel (10GE/25GE/40GE/100GE), or optical ports on the card (10GE/25GE/40GE/100GE)
RTC	Supported
RPS	Not supported
PoE	Supported
Rated voltage range	AC input: 100 V AC to 130 V AC, 200 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)	Not providing the PoE function: 338 W (without card) 100% PoE loads: 1980 W (PoE: 1440 W, without card)
Typical power consumption (30% of traffic load, tested according to ATIS standard)	231 W (without card)
Operating temperature	-5°C to +45°C (23°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.). The switch cannot be started when the ambient temperature is lower than 0°C (32°F). The operating temperature of the switch is -5°C to 40°C (23°F to 104°F) when it uses QSFP-100G-ER4 optical module.A281
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Noise under normal temperature (27°C, sound power)	< 63.1 dB(A)
Relative humidity	5% to 95%, noncondensing

Operating altitude	0-5000 m (0-16404 ft.)
Certification	EMC certification Safety certification Manufacturing certification
Part number	02353MLH 02353MLH-001

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