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## Overview

S5735-S switches are designed for scenarios such as enterprise campus network access and aggregation, as well as data center access. Built on next-generation, high-performance hardware and with the Huawei Versatile Routing Platform (VRP), CloudEngine S5735-S switches boast advanced features, such as enhanced Layer 3 functionality, simplified O&M, flexible Ethernet networking, and mature IPv6 capabilities.

## Quick Specification

Table 1 shows the Quick Specification.

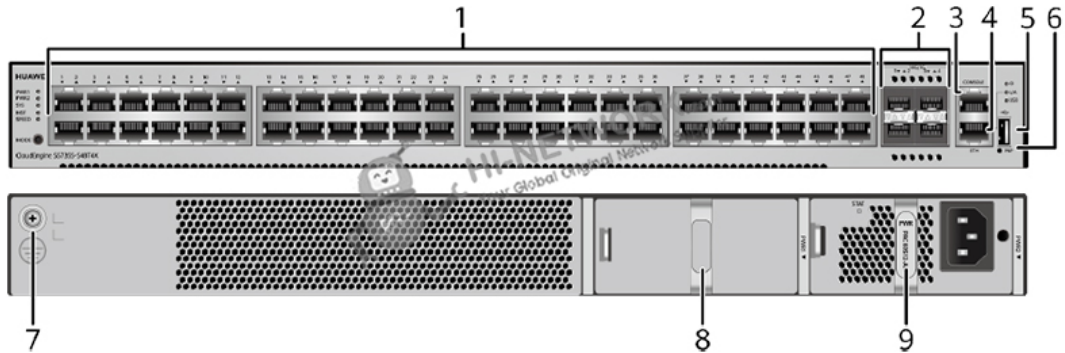
|  |  |
|--|--|
| Model  | S5735S-S48T4X-A  |
| Part Number  | 98010968   |
| Description  | S5735S-S48T4X bundle (48*10/100/1000BASE-T ports, 4*10GE SFP+ ports, one AC power module)  |
| First supported version                            | V200R019C10SPC500  |
| Memory   | 1 GB   |
| Flash memory                                       | 512 MB in total. To view the available flash memory size, run the display version command.   |
| PoE  | Not supported  |
| Weight with packaging [kg(lb)]                     | 8.37   |
| Dimensions without packaging (H x W x D) [mm(in.)] | <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 17.40 in. x 16.54 in.)</p> <p>Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x 444.2 mm (1.72 in. x 17.40 in. x 17.49 in.)</p> |

Figure 1 shows the appearance of S5735S-S48T4X-A.



## Product Details

Figure 2 shows the structure of S5735S-S48T4X-A.



Note:

|     |                                     |     |                     |
|-----|-------------------------------------|-----|---------------------|
| (1) | Forty-eight 10/100/1000BASE-T ports | (6) | One PNP button      |
| (2) | Four 10GE SFP+ ports                | (7) | Ground screw        |
| (3) | One console port                    | (8) | Power module slot 1 |
| (4) | One ETH management port             | (9) | Power module slot 2 |
| (5) | One USB port                        |     |                     |

## Get More Information

Do you have any question about the S5735S-S48T4X-A (98010968)?

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

## Specification

| S5735S-S48T4X-A Specification                      |   |
|--|---|
| Model  | S5735S-S48T4X-A   |
| Part Number  | 98010968  |
| Description  | S5735S-S48T4X bundle (48*10/100/1000BASE-T ports, 4*10GE SFP+ ports, one AC power module)   |
| Dimensions without packaging (H x W x D) [mm(in.)] | Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 420.0 mm (1.72 in. x 17.40 in. x 16.54 in.)<br>Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x 444.2 mm (1.72 in. x 17.40 in. x 17.49 in.) |
| Chassis height [U]                                 | 1   |
| Weight with packaging [kg(lb)]                     | 8.37  |

|  |   |
|--|---|
| Typical power consumption [W]                                    | 40  |
| Typical heat dissipation [BTU/hour]                              | 136.48  |
| Maximum power consumption [W]                                    | 59  |
| Maximum heat dissipation [BTU/hour]                              | 201.3   |
| MTBF [year]  | 74.7  |
| MTTR [hour]  | 2   |
| Availability   | >0.99999  |
| Noise at normal temperature (acoustic power) [dB(A)]             | 58.9  |
| Noise at normal temperature (acoustic pressure) [dB(A)]          | 43.8  |
| Number of card slots   | 0   |
| Number of power slots  | 2   |
| Number of fans modules   | 2   |
| Redundant power supply   | 1+1<br>Pluggable AC and DC power modules can be used together in the same switch, but power modules that use natural heat dissipation and power modules that use air cooling cannot be used together.   |
| Long-term operating temperature [°C(°F)]                         | -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)   |
| Short-term operating temperature [°C(°F)]                        | -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)   |
| Restriction on the operating temperature variation rate [°C(°F)] | <p>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.).</p> <p>The device can work for a short period of time when the operating temperature is beyond the normal range, but the following conditions must be met:</p> <ul style="list-style-type: none"> <li>- The operating temperature can exceed 45°C (113°F) for a maximum of 96 consecutive hours in a year.</li> <li>- The total time when the operating temperature exceeds 45°C (113°F) in a year is less than or equal to 360 hours.</li> <li>- The number of times the operating temperature exceeds 45°C (113°F) is less than or equal to 15 in one year.</li> </ul> <p>If any of the preceding conditions is not met, the device may be damaged or an unknown error may occur.</p> <p>Devices cannot start when the temperature is lower than 0°C (32°F). The maximum transmission distance of an optical module used for short-term operation cannot exceed 10 km.</p> |
| Storage temperature [°C(°F)]                                     | -40°C to +70°C (-40°F to +158°F)  |
| Long-term operating relative humidity [RH]                       | 5% to 95%, noncondensing  |
| Long-term operating altitude [m(ft.)]                            | 0-5000 m (0-16404 ft.)  |
| Storage altitude [m(ft.)]  | 0-5000 m (0-16404 ft.)  |
| Power supply mode  | Pluggable power supply  |
| Rated input voltage [V]  | <ul style="list-style-type: none"> <li>- AC input: 100 V AC to 240 V AC; 50/60 Hz</li> <li>- High-voltage DC input: 240 V DC</li> <li>- DC input: -48 V DC to -60 V DC</li> </ul>   |
| Input voltage range [V]  | - AC input: 90 V AC to 264 V AC; 47 Hz to 63 Hz   |

|                                    |  |
|------------------------------------|--|
|                                    | <ul style="list-style-type: none"> <li>- High-voltage DC input: 190 V DC to 290 V DC</li> <li>- DC input: -38.4 V DC to -72 V DC</li> </ul>  |
| Memory                             | 1 GB   |
| Flash memory                       | 512 MB in total. To view the available flash memory size, run the display version command.   |
| Console port                       | RJ45   |
| Eth Management port                | RJ45   |
| USB                                | Supported  |
| RTC                                | Supported  |
| RPS input                          | Not supported  |
| Service port surge protection [kV] | Common mode: $\pm 7$ kV  |
| Power supply surge protection [kV] | <ul style="list-style-type: none"> <li>- AC power module configured: <math>\pm 6</math> kV in differential mode, <math>\pm 6</math> kV in common mode</li> <li>- DC power module configured: <math>\pm 2</math> kV in differential mode, <math>\pm 4</math> kV in common mode</li> </ul> |
| Types of fans                      | Built-in   |
| Heat dissipation mode              | Heat dissipation with fan, intelligent fan speed adjustment  |
| Airflow direction                  | Air intake from left, front and right, air exhaustion from behind  |
| PoE                                | Not supported  |
| Certification                      | <ul style="list-style-type: none"> <li>EMC certification</li> <li>Safety certification</li> <li>Manufacturing certification</li> </ul>   |

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