

## Datasheet

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### Overview

S5730-68C-PWH-HI is a Huawei S5730-HI switch, providing 48 x 10/100/1,000 BASE-T ports, 4 x 10 GE SFP+ ports, 2 expansion slots, PoE++, without power module. Huawei S5730-HI gigabit Ethernet switches are Huawei-developed next-generation agile switches that provide fixed full gigabit access and 10 GE uplink interfaces as well as one or two slots for uplink interface extension. The switches are developed based on Huawei Versatile Routing Platform (VRP) to implement software definition and service change on demand. With services and network convergence as the core, the switches provide the free mobility function to ensure consistent user experience. The Super Virtual Fabric (SVF) function virtualizes the entire network into one device. In addition, the switches support flexible Ethernet networking, comprehensive VPN tunnel solutions, various security control methods, intelligent deployment, and simple Operations and Maintenance (O&M). The S5730-HI series switches are the best choices for the access or aggregation layers of medium and large-sized campus networks, and the core layer of branch or small campus networks.

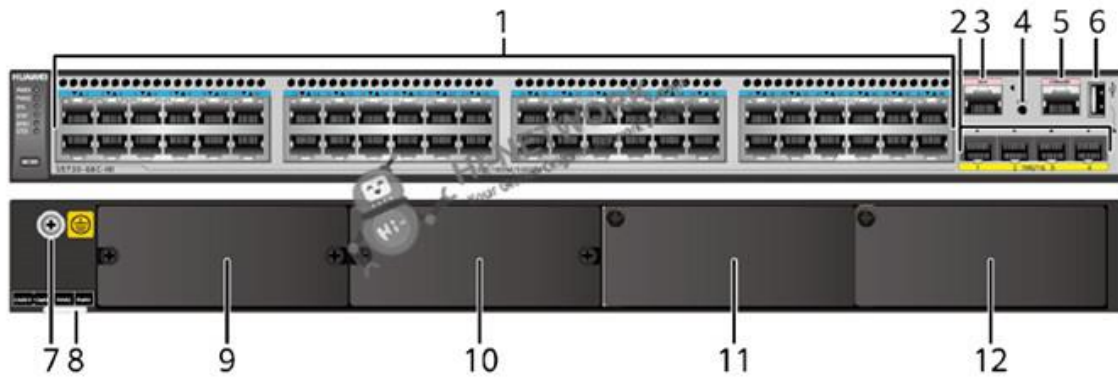
### Quick Specification

|                            |  |
|----------------------------|--|
| Model                      | S5730-68C-PWH-HI   |
| Part Number                | 02351LKE   |
| Memory                     | 2 GB   |
| Flash memory               | 1 GB in total. To view the available flash memory size, run the <b>display version</b> command.  |
| PoE                        | Supported  |
| Weight (including package) | 8.7 kg (19.18 lb)  |
| Dimensions (H x W x D)     | <p>Basic dimensions (excluding the parts protruding from the body): 44.4 mm x 442.0 mm x 424.7 mm (1.75 in. x 17.4 in. x 16.72 in.)</p> <p>Maximum dimensions (the depth is the distance from ports on the front panel to the handle on the rear panel): 44.4 mm x 442.0 mm x 451.8 mm (1.75 in. x 17.4 in. x 17.79 in.)</p> <p>When 1150 W power modules are installed, they stretch out from the chassis. Therefore, the total depth of the switch changes to 541.1 mm (21.3 in.).</p> |

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### Product Details:

#### Appearance:



|   |   |
|---|---|
| ① | Forty-eight PoE++ 10/100/1000BASE-T ports |
| ② | Four 10GE SFP+ ports                      |
| ③ | One ETH management port                   |
| ④ | One PNP button                            |
| ⑤ | One console port                          |
| ⑥ | One USB port                              |
| ⑦ | Ground screw                              |
| ⑧ | ESN label                                 |
| ⑨ | Rear card slot 1                          |
| ⑩ | Rear card slot 2                          |
| ⑪ | Power module slot 2                       |
| ⑫ | Power module slot 1                       |

### The Accessories For S5730-68C-PWH-HI:

#### Recommended Products:

| Model | Description |
|-------|-------------|
|       |             |

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|                                      |   |
|--------------------------------------|---|
| <a href="#">eSFP-GE-SX-MM850</a>     | Optical Transceiver, eSFP, GE, Multi-mode Module (850nm,0.5km, LC)                                |
| <a href="#">SFP-GE-LX-SM1310</a>     | Optical Transceiver, eSFP, GE, Single-mode Module (1310nm,10km, LC)                               |
| <a href="#">S-SFP-GE-LH40-SM1310</a> | 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> | eSFP, GE, Single-mode Module (1550nm,100km, LC)   |
| <a href="#">SFP-1000BaseT</a>        | 1000BASE-T (RJ45) SFP Electrical Module, Auto Negotiate,100m                                      |
| <a href="#">SFP-10G-USR</a>          | 10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm,0.1km, LC)                   |
| <a href="#">OSXD22N00</a>            | Optical Transceiver, SFP+, 10G, Multi-mode Module (1310nm,0.22km, LC, LRM)                        |
| <a href="#">OMXD30000</a>            | Huawei Optical Transceiver OMXD30000, SFP+,10G, Multi-mode Module (850nm,0.3km, LC)               |
| <a href="#">SFP-10G-iLR</a>          | Optical Transceiver, SFP+,9.8G, 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>            | 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-CU3M</a>         | Huawei SFP+,10G, High Speed Direct-attach Cables,3m, SFP+20M, CC2P0.254B(S), SFP+20M, Used indoor |

### Compare To Similar Items:

| Item                   | <a href="#">S5730-60C-HI</a>  | <a href="#">S5730-60C-PWH-HI</a>  | <a href="#">S5730-68C-HI</a>   | <a href="#">S5730-68C-PWH-HI</a>   |
|------------------------|---|---|--|--|
| Fixed Ports            | 48 x 10/100/1,000 Base-T ports, 4 x 10 GE SFP+ ports  | 48 x 10/100/1,000 Base-T (PoE++) ports, 4 x 10 GE SFP+ ports  | 48 x 10/100/1,000 Base-T ports, 4 x 10 GE SFP+ ports   | 48 x 10/100/1,000 Base-T (PoE++) ports, 4 x 10 GE SFP+ ports   |
| Dimensions (W x D x H) | 442 mm x 420 mm x 44.4 mm   | 442 mm x 420 mm x 44.4 mm   | 442 mm x 420 mm x 44.4 mm  | 442 mm x 420 mm x 44.4 mm  |
| Extended Slots         | One extended slot, supporting 8-port 10 GE electrical, 8-port 10 GE optical, or 2-port 40 GE optical interface card | One extended slot, supporting 8-port 10 GE electrical, 8-port 10 GE optical, or 2-port 40 GE optical interface card | Two extended slots (one of them is reserved), supporting 8-port 10 GE electrical, 8-port 10 GE optical, or 2-port 40 GE optical interface card | Two extended slots (one of them is reserved), supporting 8-port 10 GE electrical, 8-port 10 GE optical, or 2-port 40 GE optical interface card |

Get more information:

Do you have any question about the S5730-68C-PWH-HI 02351LKE?

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

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## Specific Data Sheet:

|  |   |
|--|---|
| Part Number  | 02351LKE  |
| Model  | S5730-68C-PWH-HI  |
| Memory (RAM)   | 2 GB  |
| Flash  | 1 GB in total. To view the available flash memory size, run the <b>display version</b> command.   |
| Mean time between failures (MTBF)  | 48.31 years   |
| Mean time to repair (MTTR)   | 2 hours   |
| Availability   | > 0.99999   |
| Service port surge protection  | Common mode: $\pm 7$ kV   |
| Power supply surge protection  | Using 500 W AC or 1000 W AC power modules: $\pm 6$ kV in differential mode, $\pm 6$ kV in common mode<br>Using 650 W DC or 1150 W AC 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): 44.4 mm x 442.0 mm x 424.7 mm (1.75 in. x 17.4 in. x 16.72 in.)<br>Maximum dimensions (the depth is the distance from ports on the front panel to the handle on the rear panel): 44.4 mm x 442.0 mm x 451.8 mm (1.75 in. x 17.4 in. x 17.79 in.)<br>When 1150 W power modules are installed, they stretch out from the chassis. Therefore, the total depth of the switch changes to 541.1 mm (21.3 in.).   |
| Weight (including package)   | 8.7 kg (19.18 lb)   |
| Stack ports  | 10GE SFP+ ports on the front panel, or 10GE ports or 40GE QSFP+ ports on the rear card  |
| RTC  | Supported   |
| RPS  | Not supported   |
| PoE  | Supported   |
| Rated voltage range  | 100 V AC to 240 V AC, 50/60 Hz<br>-48 V DC to -60 V DC  |
| Maximum voltage range  | 90 V AC to 264 V AC, 47 Hz to 63 Hz<br>-38.4 V DC to -72 V DC   |
| Maximum power consumption (100% throughput, full speed of fans)  | Using 650 W DC power modules:<br>Not providing the PoE function: 106 W (without card)<br>100% PoE loads: 830 W (system power consumption: 130 W, PoE: 700 W, without card)<br>Using 500 W AC power modules:<br>Not providing the PoE function: 106 W (without card)<br>100% PoE loads: 830 W (system power consumption: 90.8 W, PoE: 739.2 W, without card)<br>Using 1150 W AC or 1000 W AC power modules:<br>Not providing the PoE function: 116.3 W (without card)<br>100% PoE loads: 1608 W (system power consumption: 168 W, PoE: 1440 W, without card) |
| Typical power consumption (30% of traffic load)  | Using 650 W DC or 500 W AC power modules: 80 W (without card)<br>Using 1150 W AC or 1000 W AC power modules: 83 W (without card)  |
| <ul style="list-style-type: none"> <li>Tested according to ATIS standard</li> <li>EEE enabled</li> </ul> |   |

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|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>No PoE power consumption</li> </ul> |  |
| Operating temperature  | 0°C to 45°C (32°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)                         | < 69.6 dB(A)   |
| Relative humidity  | 5% to 95%, noncondensing   |
| Operating altitude   | 0-5000 m (0-16404 ft.)   |
| Certification  | EMC certification<br>Safety certification<br>Manufacturing certification |

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