

Overview

A series of high port density switches, CloudEngine 8800 brings a combination of both high performance and low latency to cloud-oriented data center networks and high-end campus networks alike. Additionally, the series supports an extensive range of data center features, Software-Defined Networking (SDN) capabilities, and high performance stacking technologies. With 10, 25, 40, 100, 200, and 400 GE ports, as well as flexible plug-in cards, CloudEngine 8800 is well suited for both the core and aggregation layers. The series is also compatible with CloudEngine 16800, 12800, 6800, and 5800 series switches, helping enterprises build networks that are scalable, simplified, open — and secure.

Quick Specification

Table 1 shows the quick specification.

| | |
|---------------------------|---|
| Model | CE8850-EI-F-B0A |
| Part Number | 02350SBC |
| Description | CE8850-32CQ-EI Switch (32-Port 100GE QSFP28, 2-Port 10GE SFP+, 2*AC Power Module, 2*FAN Box, Port-side Exhaust) |
| Dimensions (H x W x D) | 43.6 mm x 442 mm x 420 mm (1.72 in. x 17.40 in. x 16.54 in.) |
| Weight | 9.0 kg (19.84 lb) |
| Maximum power consumption | 453 W |
| Maximum heat dissipation | 1544 BTU/hour |

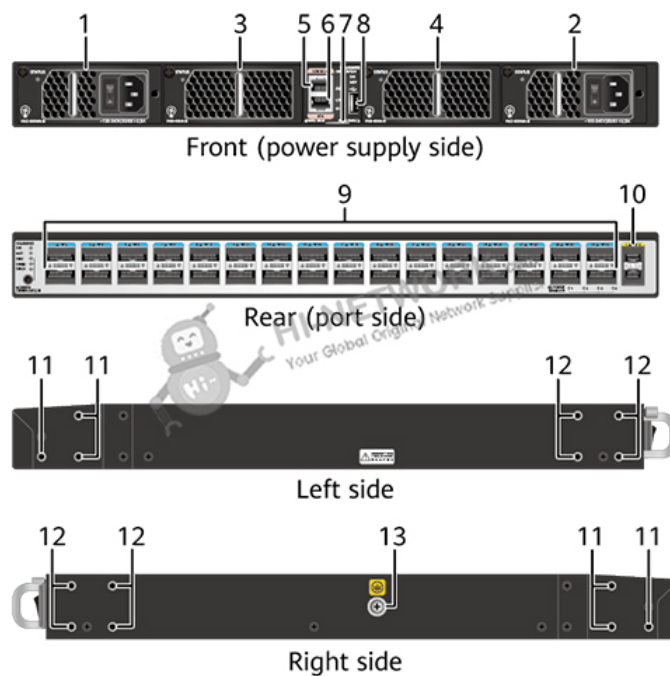
Figure 1 shows the appearance of CE8850-EI-F-B0A.





Product Details

Figure 2 shows the structure of CE8850-EI-F-B0A.



Note:

| | | | |
|-----|----------------------------|------|---|
| (1) | Power supply slot 1 | (8) | USB port |
| (2) | Power supply slot 2 | (9) | Thirty-two 40GE/100GE QSFP28 Ethernet optical ports |
| (3) | Fan slot 1 | (10) | Two 10GE SFP+ Ethernet optical ports |
| (4) | Fan slot 2 | (11) | Three port-side mounting holes for mounting brackets |
| (5) | Console port | (12) | Four power-supply-side mounting holes for mounting brackets |
| (6) | ETH management port (RJ45) | (13) | Ground screw |
| (7) | Barcode label | | |

Get More Information

Do you have any question about the CE8850-EI-F-B0A (02350SBC)?

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





Specification

| CE8850-EI-F-B0A Datasheet | |
|---|--|
| Model | CE8850-EI-F-B0A |
| Part Number | 02350SBC |
| Description | CE8850-32CQ-EI Switch (32-Port 100GE QSFP28, 2-Port 10GE SFP+, 2*AC Power Module, 2*FAN Box, Port-side Exhaust) |
| Dimensions without packaging (H x W x D) [mm (in.)] | 43.6 mm x 442 mm x 420 mm (1.72 in. x 17.40 in. x 16.54 in.) |
| Weight without packaging [kg (lb)] | 6.2 kg (13.67 lb) |
| Weight without packaging (full configuration) [kg (lb)] | 9.0 kg (19.84 lb) (including two power modules and two fan modules) |
| Chassis height [U] | 1 |
| Installation Type | Cabinet Installation |
| Switching capacity | To obtain data of this specification item, see the corresponding datasheet or contact the product sales personnel. |
| CPU | 8-core, 1.5 GHz |
| Memory | DRAM: 4 GB |
| NOR Flash | 32MB |
| NAND Flash | 1GB |
| USB | Supported |
| Power supply mode | AC pluggable |
| Console port | RJ45 |
| Downlink Service interface | 32*40GE/100GE QSFP28 |
| Uplink Service interface | 2 x 10GE SFP+ |
| Service port supporting the stack function | 10GE and 100GE optical ports |
| RTC | Supported |
| Typical power consumption [W] | 219 W (100% throughput, SFP+ cables on 2 ports and QSFP28 cables on 32 ports, double power modules) |
| Typical heat dissipation [BTU/hour] | 748 BTU/hour (100% throughput, SFP+ cables on 2 ports and QSFP28 cables on 32 ports, double power modules) |
| Static power consumption [W] | 169 W |
| Static heat dissipation [BTU/hour] | 575 BTU/hour |
| Maximum power consumption [W] | 453 W |
| Maximum heat dissipation [BTU/hour] | 1544 BTU/hour |





| | |
|--|--|
| Number of power modules | 2 |
| Redundant power supply | 1+1 backup |
| Rated input voltage [V] | AC input, rated voltage range: 100 V AC to 240 V AC; 50/60 Hz DC input, rated voltage range: -48 V DC to -60 V DC |
| Input voltage range [V] | AC input, maximum voltage range: 90 V AC to 290 V AC; 47 Hz to 63 Hz DC input, maximum voltage range: -38.4 V DC to -72 V DC |
| Maximum input current [A] | 600 W AC power module: 100 V to 240 V, 9 A -48 V DC 600 W module: -48 V to -60 V, 20 A |
| Rated output power [W] | - 600 W AC power module: 600 W - 600 W DC power module: 600 W |
| Maximum output power [W] | AC: 600 W -48V DC: 600 W |
| Certification | - Compliance with safety standards - Compliance with EMC standards - Compliance with environment and environmental protection standards |
| Power supply surge protection [kV] | AC: 6 kV in common mode and 6 kV in differential mode |
| Types of fans | Pluggable |
| Number of fan modules | 2 |
| Redundant fans | 1+1 backup not supported |
| Heat dissipation mode | Air cooling |
| Airflow direction | port-side intake/port-side exhaust airflow |
| Availability | 0.99999576496 |
| MTBF [year] | 44.34 years |
| MTTR [hour] | 1.68 hours |
| Noise at normal temperature (27°C, sound pressure) [dB(A)] | Back-to-front airflow: < 52 dB(A) Front-to-back airflow: < 52 dB(A) |
| Noise at high temperature (40°C, sound pressure) [dB(A)] | Front-to-back airflow: 70 dBA in average (maximum: 75 dBA) Back-to-front airflow: 67 dBA in average (maximum: 73 dBA) |
| Long-term operating altitude [m (ft.)] | < 5000 m (16404 ft.) |
| Long-term operating relative humidity [RH] | 5% RH to 95% RH, noncondensing |
| Long-term operating temperature [°C (°F)] | 0°C to 40°C (32°F to 104°F) at an altitude of 0–1800 m (0–5906 ft.) Note: When the altitude is 1800–5000 m (5096–16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.). |
| Storage altitude [m (ft.)] | < 5000 m (16404 ft.) |
| Storage relative humidity [RH] | 5% to 95% RH, non-condensing |
| Storage temperature [°C (°F)] | -40°C to +70°C (-40°F to +158°F) |





Want to Buy

[Get a Quote](#)



[Learn More](#) about Hi-Network



[Search](#) our Resource Library



[Follow](#) us on LinkedIn



Contact for [Sales or Support](#)

Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

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

WhatsApp Business: +8618057156223

