

## 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-B-B0A
Part Number	02350SBD
Description	CE8850-32CQ-EI Switch (32-Port 100GE QSFP28, 2-Port 10GE SFP+, 2*AC Power Module, 2*FAN Box, Port-side Intake)
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

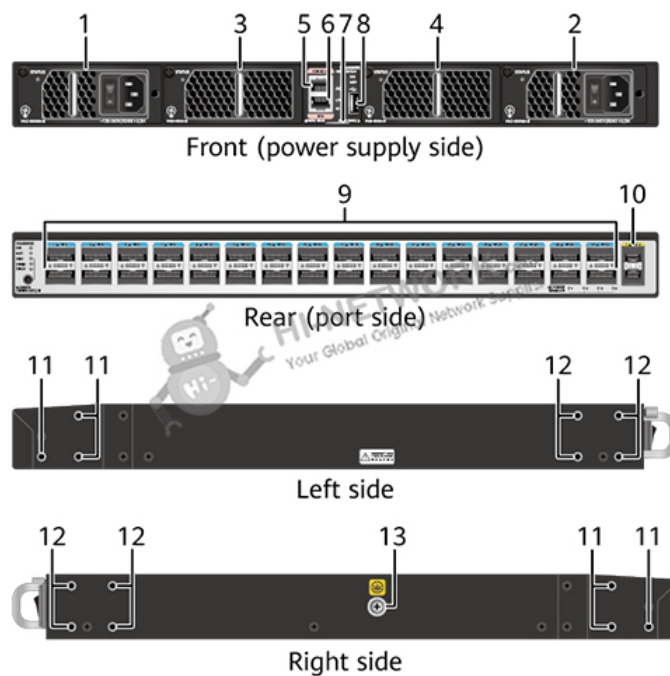
Figure 1 shows the appearance of CE8850-EI-B-B0A.





## Product Details

Figure 2 shows the structure of CE8850-EI-B-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-B-B0A (02350SBD)?

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





## Specification

<b>CE8850-EI-B-B0A Datasheet</b>	
Model	CE8850-EI-B-B0A
Part Number	02350SBD
Description	CE8850-32CQ-EI Switch (32-Port 100GE QSFP28, 2-Port 10GE SFP+, 2*AC Power Module, 2*FAN Box, Port-side Intake)
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)





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