Get a Quote

Overview

Huawei CloudEngine 7800 series switches are next-generation 40GE Ethernet switches designed for DCNs and high-end campus networks, providing high performance, high interface density, and low latency. The CloudEngine 7800 provides high-density 40GE QSFP+ ports, and supports an extensive range of DC features and high-performance stacking, helping enterprises and carriers build DCNs in the cloud computing era. The CloudEngine 7800 can work with CloudEngine 16800, CloudEngine 12800, CloudEngine 8800, CloudEngine 6800, and CloudEngine 5800 series switches to build an elastic, simple, open, and secure cloud DCN.The CloudEngine 7800 series switches can function as core or aggregation switches on both DCNs and campus networks.

Quick Specification

Table 1 shows the Quick Specification.

Model	CE7855-EI-B-B0A
Part Number	02350SBH
Supported Version	V200R001C00 to V200R019C10
Part Description	CE7855-32Q-EI Switch (32-Port 40GE QSFP+, 2*AC Power Module, 2*FAN Box, Port-side Intake)
Processor	1.5 GHz, quad-core
DRAM Memory	4 GB
NOR Flash	16 MB
NAND Flash	1 GB
Mean time between failures (MTBF)	49.81 years
Mean time to repair (MTTR)	1.81 hours
Availability	0.99999584354

Figure 1 shows the appearance of CE7855-EI-B-B0A.
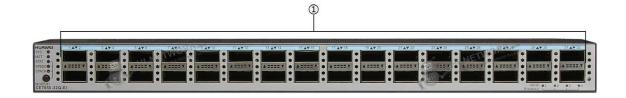
Product Details

Figure 2 shows the rear (port side) panel of CE7855-EI-B-B0A.

Note:

(1)	Thirty-two 40GE QSFP+ Ethernet optical ports

Figure 3 shows the front (power supply side) panel of CE7855-EI-B-B0A.

Note:

(1)	Power supply slot 1	(5)	Fan slot 2
(2)	Fan slot 1	(6)	Power supply slot 2
(3)	Console port	(7)	USB port
(4)	Barcode label	(8)	ETH management port (RJ45)

The Modules

Table 2 shows the recommended elements for the CE7855-EI-B-B0A.

Model	Description
AC power module	
PAC-600WA-F	600W AC Power Module (Front to Back, Power panel side intake)
PAC-600WA-B	600W AC Power Module (Back to Front, Power panel side exhaust)
40GE QSFP+ optical transceiver	

QSFP-40G-iSR4	40GBase-iSR4 Optical Transceiver, QSFP+, 40G, Multi-mode (850nm, 0.15km, MPO) (Connect to four SFP+ Optical Transceiver)
QSFP-40G-LR4	40GBase-LR4 Optical Transceiver, QSFP+, 40GE, Single-mode Module (1310nm, 10km, LC)
FAN-40HA	
FAN-40HA-F	Fan box (HA, Front to Back, FAN panel side intake)
FAN-40HA-B	Fan box (HA, Back to Front, FAN panel side exhaust)

Get more information

Do you have any question about the CE7855-EI-B-B0A (02350SBH)?

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

Specification

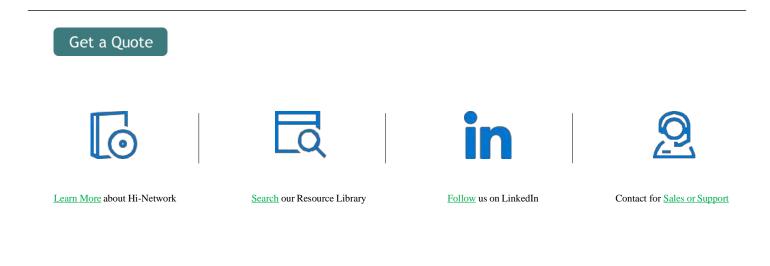| CE7855-EI-B-B0A Specification		
Item		**Description**
Physical specifications		Dimensions (W x D x H): 442.0 mm x 607.0 mm x 43.6 mm (17.4 in. x 23.9 in. x 1.72 in.)
		Weight (with two power modules and two fan modules, calculated based on the heaviest model if multiple models are supported): 11.2 kg (24.69 lb)
Environment parameters	Temperature	Operating temperature: 0°C to 40°C (32°F to 104°F) at 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 temperature: -40°C to +70°C (-40°F to +158°F)
	Relative humidity	5% RH to 95% RH, noncondensing
	Altitude	< 5000 m (16404 ft.)
	Noise (sound pressure, 27°C)	Back-to-front airflow: < 55 dBA
		Front-to-back airflow: < 54 dBA
Power specifications	Power source type	AC
	AC power input	Rated input voltage range: 100 V AC to 240 V AC, 50/60 Hz
		Maximum input voltage range: 90 V AC to 290 V AC, 47 Hz to 63 Hz
	DC power input	Rated voltage range: -48 V DC to -60 V DC
		Maximum voltage range: -38.4 V DC to -72 V DC
	High-voltage DC power input	Not supported
	Rated input current	600 W AC power (PAC-600WA series): 9 A (100 V AC to 240 V AC)
		600 W DC power (PDC600S12 series): 20A (-48 V DC to -60 V DC)
Chassis power consumption	Maximum power consumption	444 W
	Typical power consumption	262 W (100% throughput, QSFP+ cables on 32 ports, double power modules)

Chassis heat dissipation	Maximum heat dissipation	1515 BTU/hr
	Typical heat dissipation	895 BTU/hr (100% throughput, QSFP+ cables on 32 ports, double power modules)
Surge protection		AC Power module: 6 kV in common mode and 6 kV in differential mode
Heat dissipation	Heat dissipation mode	Air cooling
	Airflow	Front-to-back or back-to-front, depending on the fan modules and power modules
Reliability and availability	Power module backup	1+1 backup
	Fan module backup	1+1 backup not supported NOTE: CE7800 chassis uses two fan modules, with each fan module containing two fans. The four fans in the chassis work in 3+1 backup mode.
	Hot swap	Supported by all power modules and fan modules
	Mean time between failures (MTBF)	49.81 years
	Mean time to repair (MTTR)	1.81 hours
	Availability	0.99999584354
Technical specifications	Processor	1.5 GHz, quad-core
	DRAM Memory	4 GB
	NOR Flash	16 MB
	NAND Flash	1 GB
Stack	Service port supporting the stack function	40GE optical ports
Certification		Safety standards compliance EMC standards compliance Environmental standards compliance

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

WhatsApp Business: +8618057156223