

Huawei CloudEngine 6800 Series Switches

CE6856-HI-F-B0A

Model: CE6856-HI-F-B0A | Brand: HUAWEI

Product Overview

Assembly components-CE6800-CE6856-HI-F-B0A-CE6856-48S6Q-HI switch (48*10 Gigabit SFP+, 6*40G QSFP+, 2*AC power supply, port side air outlet)

Product page: <https://www.linknewnet.com/products/ce6856-hi-f-b0a>

Quick Specifications

Attribute	Value
Item	Description
Relative humidity	5% RH to 95% RH, noncondensing
Altitude	< 5000 m (16404 ft.)
Noise (sound pressure, 27°C)	Back-to-front airflow: < 56 dBA Front-to-back airflow: < 58 dBA
Power specifications	Power source type AC/DC
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	350 W DC power (PDC-350WA series): 11 A (-48 V DC to -60 V DC) 600 W AC power (PAC-600WA series): 9 A (100 V AC to 240 V AC)
Chassis power consumption	Maximum power consumption 216 W
Typical power consumption	116 W (100% throughput, SFP+ cables on 48 ports and QSFP+ cables on 6 ports, double power modules)
Chassis heat dissipation	Maximum heat dissipation 737 BTU/hr
Typical heat dissipation	396 BTU/hr (100% throughput, SFP+ cables on 48 ports and QSFP+ cables on 6 ports, double power modules)
Surge protection	Power module: AC: 6 kV in common mode and 6 kV in differential mode DC: 4 kV in common mode and 2 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
Hot swap	Supported by all power modules and fan modules
Mean time between failures (MTBF)	48.83 years
Mean time to repair (MTTR)	1.73 hours
Product Code	CE6856-HI-F-B0A
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Replacement / Alternative Options

If the CE6856-HI-F-B0A is out of stock or end-of-life, these same-brand alternatives deliver comparable capability. Contact our sales team to confirm availability.

Model	Specification
CE6856-48S6Q-HI	Huawei CE6856-48S6Q-HI Switch (48-Port 10G SFP+, 6-Port 40GE QSFP+, 2*FAN Box, Without Fan and Power Module)
CE6856-HI-B-B0A	Assembly components-CE6800-CE6856-HI-B-B0A-CE6856-48S6Q-HI switch (48*10 Gig SFP+, 6*40G QSFP+, 2*AC power supply, port side air inlet)

Request availability: [Ask for current stock](#) of CE6856-HI-F-B0A or its alternatives.

Buying from LinkNewNet

Every unit is [fully tested](#) (ports verified, firmware validated) and covered by [warranty](#).