

# Huawei CloudEngine 6800 Series Switches

## CE6881-48S6CQ-B

Model: CE6881-48S6CQ-B | Brand: HUAWEI

### Product Overview

CE6881-48S6CQ-B switch (48\*10G SFP+, 6\*100G QSFP28, 2\*AC power supply, port side air inlet)

Product page: <https://www.linknewnet.com/products/ce6881-48s6cq-b>

### 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: < 57 dBA Front-to-back airflow: < 58 dBA                                                            |
| Power specifications              | Power source type AC/DC/HVDC                                                                                               |
| 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                                    |
| Chassis power consumption         | Maximum power consumption 349 W                                                                                            |
| Chassis heat dissipation          | Maximum heat dissipation 1191 BTU/hr                                                                                       |
| 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) | 45.9 years                                                                                                                 |
| Mean time to repair (MTTR)        | 1.57 hours                                                                                                                 |
| Availability                      | 0.9999960856                                                                                                               |
| Product Code                      | CE6881-48S6CQ-B                                                                                                            |
| Brand                             | HUAWEI                                                                                                                     |

### Replacement / Alternative Options

If the CE6881-48S6CQ-B is out of stock or end-of-life, these same-brand alternatives deliver comparable capability. Contact our sales team to confirm availability.

| Model                           | Specification                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------|
| <a href="#">CE6881-48S6CQ-F</a> | CE6881-48S6CQ-F switch (48*10 Gigabit SFP+, 6*100G QSFP28, 2*AC power supply, port side air outlet) |
| <a href="#">CE6881-48S6CQ</a>   | Huawei 48*10G SFP+, 6*100G QSFP28, without fan and power modules                                    |

Request availability: [Ask for current stock](#) of CE6881-48S6CQ-B or its alternatives.

## Buying from LinkNewNet

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