

# Huawei CloudEngine 6800 Series Switches

## CE6865-48S8CQ-SI-B

Model: CE6865-48S8CQ-SI-B | Brand: HUAWEI

### Product Overview

CE6865-48S8CQ-SI-B switch (48\*25GE SFP28, 8\*100GE QSFP28, 2\*AC power supply, port side air inlet)

Product page: <https://www.linknewnet.com/products/ce6865-48s8cq-si-b>

### Quick Specifications

| Attribute                         | Value                                                                                                                          |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Relative humidity                 | 5% RH to 95% RH, noncondensing                                                                                                 |
| Altitude                          | < 5000 m (16404 ft.)                                                                                                           |
| Noise (sound pressure, 27°C)      | · Back-to-front airflow: < 65 dBA · Front-to-back airflow: < 65 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                                                                                                                  |
| Chassis power consumption         | Maximum power consumption 420W                                                                                                 |
| Typical power consumption         | 259 W (100% throughput, SFP28 cables on 48 ports and QSFP28 cables on 8 ports, double power modules)                           |
| Surge protection                  | Power module: · AC: 6 kV in common mode and 6 kV in differential mode · DC: 2 kV in common mode and 1 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) | 38.85                                                                                                                          |
| Mean time to repair (MTTR)        | 1.48                                                                                                                           |
| Availability                      | 0.999997178                                                                                                                    |
| Technical specifications          | Processor 1.5 GHz, 8-core                                                                                                      |
| DRAM Memory                       | 4 GB                                                                                                                           |
| NOR Flash                         | 32 MB                                                                                                                          |
| Product Code                      | CE6865-48S8CQ-SI-B                                                                                                             |
| Brand                             | HUAWEI                                                                                                                         |

### Replacement / Alternative Options

If the CE6865-48S8CQ-SI-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="#">CE6865-48S8CQ-EI</a> | Huawei CE6865-48S8CQ-EI Switch(48-Port 25GE SFP28,8*100GE QSFP28,Without Fan and Power Module)                         |
| <a href="#">CE6865E-48S8CQ-B</a> | Huawei CE6865E-48S8CQ switch (48 * 25G SFP28, 8 * 100G qsfp28, 2 * AC power supply, 4 * fan box, port side into wind). |

Request availability: [Ask for current stock](#) of CE6865-48S8CQ-SI-B or its alternatives.

## Buying from LinkNewNet

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