

# Huawei CloudEngine 5800 Series Switches

## CE5850-48T4S2Q-EI-B

Model: CE5850-48T4S2Q-EI-B | Brand: HUAWEI

### Product Overview

Huawei CE5850-48T4S2Q-EI Switch (48-Port GE RJ45,4-Port 10G SFP+,2-Port 40G QSFP+,2\*FAN Box,Port-side Intaket,Without Power Module)

Product page: <https://www.linknewnet.com/products/ce5850-48t4s2q-ei-b>

### Quick Specifications

| Attribute               | Value                                                     |
|-------------------------|-----------------------------------------------------------|
| Base-T Ports            | 48                                                        |
| SFP+ Ports              | 4                                                         |
| QSFP+ Ports             | 2                                                         |
| Switching Capacity      | 336 Gbit/s                                                |
| Forwarding Rates        | 252 Mpps                                                  |
| Airflow Design          | Front-to-back or back-to-front                            |
| Device Virtualization   | iStack                                                    |
| Network Virtualization  | M-LAG                                                     |
| VM Awareness            | Agile Controller                                          |
| SDN                     | Open Programmability System (OPS)                         |
| Traffic Analysis        | NetStream                                                 |
| VLAN                    | Adding access, trunk, and hybrid interfaces to VLANs      |
| ACL                     | ingress: 4.5k egress: 1k                                  |
| MAC Address Table       | maximum: 128k                                             |
| ARP (maximum)           | 16k                                                       |
| IPv4 FIB (maximum)      | 12k                                                       |
| IP Routing              | IPv4 routing protocols, such as RIP, OSPF, BGP, and IS-IS |
| IPv6 FIB (maximum)      | 6k                                                        |
| IPv6                    | IPv6 Neighbor Discovery (ND) (not supported by CE5855)    |
| Multicast FIB (maximum) | 2k                                                        |
| Product Code            | CE5850-48T4S2Q-EI-B                                       |
| Brand                   | HUAWEI                                                    |

### Replacement / Alternative Options

If the CE5850-48T4S2Q-EI-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="#">CE5850-48T4S2Q-EI</a> | CE5850-48T4S2Q-EI Switch(48-Port GE RJ45,4-Port 10GE SFP+,2-Port 40GE QSFP+,Without Fan and Power Module) |

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| CE5850-48T4S2Q-EI-F | Huawei CE5850-48T4S2Q-EI Switch (48-Port GE RJ45,4-Port 10G SFP+,2-Port 40G QSFP+,2*FAN Box,Port-side exhaust,Without Power Module) |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|

Request availability: [Ask for current stock](#) of CE5850-48T4S2Q-EI-B or its alternatives.

## Buying from LinkNewNet

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