

# Huawei CloudEngine 6800 Series Switches

## CE6850-48T6Q-HI-F

Model: CE6850-48T6Q-HI-F | Brand: HUAWEI

### Product Overview

Huawei CE6850-48T6Q-HI Switch(48-Port 10GE RJ45,6-Port 40GE QSFP+,2\*FAN Box,Port-side Exhaust,Without Power Module)

Product page: <https://www.linknewnet.com/products/ce6850-48t6q-hi-f>

### Quick Specifications

| Attribute              | Value                                                     |
|------------------------|-----------------------------------------------------------|
| 10G Base-T Ports       | 48                                                        |
| SFP+ Ports             | 0                                                         |
| FC Ports               | 0                                                         |
| QSFP+ Ports            | 6                                                         |
| Switching Capacity     | 1.44 Tbit/s                                               |
| Forwarding Rate        | 1,080 Mpps                                                |
| Airflow Design         | Front-to-back or back-to-front                            |
| Device Virtualization  | iStack                                                    |
| Network Virtualization | M-LAG                                                     |
| VM Awareness           | Agile Controller                                          |
| Network Convergence    | FCoE                                                      |
| Programmability        | OpenFlow                                                  |
| Traffic Analysis       | NetStream                                                 |
| VLAN                   | Adding access, trunk, and hybrid interfaces to VLANs      |
| ACL                    | Ingress: 3,750 Egress: 1,000                              |
| MAC Address Table      | Maximum: 288k                                             |
| ARP (maximum)          | 128k                                                      |
| IPv4 FIB (maximum)     | 256k                                                      |
| IP Routing             | IPv4 routing protocols, such as RIP, OSPF, BGP, and IS-IS |
| IPv6 FIB (maximum)     | 128k                                                      |
| Product Code           | CE6850-48T6Q-HI-F                                         |
| Brand                  | HUAWEI                                                    |

### Replacement / Alternative Options

If the CE6850-48T6Q-HI-F 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="#">CE6850-48T6Q-HI</a> | Huawei 48-Port 10GE RJ45 6-Port 40GE QSFP+Without Fan and Power Module |

|                 |                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------|
| CE6850-48S4Q-EI | CE6850-48S4Q-EI Switch (48-Port 10GE SFP+,4-Port 40GE QSFP+,Without Fan and Power Module) |
|-----------------|-------------------------------------------------------------------------------------------|

Request availability: [Ask for current stock](#) of CE6850-48T6Q-HI-F or its alternatives.

## Buying from LinkNewNet

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