

Huawei 48-core switch parameters



Overview

CloudEngine S6750-H series 10GE switches are Huawei's next-generation enterprise-class switches designed for core and aggregation layers, with $48 \times 10\text{GE}$ downlink optical ports and $8 \times 100\text{GE}$ uplink optical ports. They feature high performance, high reliability, cloud management. Table 4-483 lists the mapping between the S5720-52X-SI-48S chassis and software versions. If one port uses a GPON optical module, other ports cannot be used. It is used with a console cable. The console cable is not delivered with the switch and needs to be separately purchased if needed. To. If you're evaluating a Huawei 48-port switch for medium-sized office or campus deployment, here's the unambiguous starting point: choose the S5735-L-V2 series if you need simplicity and PoE+ at under \$500; choose the S6730-H-V2 series only if you require 25G downlinks and VXLAN-ready Layer 3. They can also work as core or aggregation switches on campus networks.



Article Content

Jun 02, 2026

CloudEngine 5800 Series Data Center Switches

CloudEngine 5800 Series Data Center Switches Huawei CloudEngine 5800 series (CE5800 for short) switches are next-generation, high-density Gigabit Ethernet switches designed for data centers and

Nov 12, 2025

Huawei 48-Port Switch Guide: How to Choose the Right One

A practical, no-fluff guide to selecting a Huawei 48-port switch—covering real-world use cases, key specs to compare, cost trade-offs, and what actually matters for SMBs and campus

Nov 06, 2025

CloudEngine 6860 Series Data Center Switches

Product Overview Huawei CloudEngine 6860 (CE6860 for short) series switches are next-generation 25G Ethernet switches designed for data centers and high-end campus networks, providing high

Oct 02, 2025

Huawei CloudEngine 8800 Switch Datasheet

Huawei CloudEngine 8800 Switch Datasheet Huawei CloudEngine 8800 series switches provide high-density 100GE/40GE/25GE/10GE ports and high performance.

May 23, 2026

CloudEngine S6750-H Series 10GE Switches

CloudEngine S6750-H series 10GE switches are Huawei's next-generation enterprise-class switches designed for core and aggregation layers, with 48 ×

Apr 06, 2026

S6720-50L-HI-48S

Pluggable AC and DC power modules can be used together in the same switch. Figure 4-80 shows the power supply connections of dual DC power modules. After DC power is transmitted to the PWR

Oct 05, 2025

CloudEngine S5732-H Series Switches | Huawei Enterprise

Next generation CloudEngine S5732-H Series Multi-GE Switches offers either 24 or 48 downlink ports — up to 10 GE — alongside four 25 GE uplink ports and either

Apr 02, 2026

Native AC + Policy Association Solution: Core Switches Function as

Policy association is deployed between core switches and access switches. The core switches function as control devices to centrally authenticate users and manage user access policies, and access

May 24, 2026

S5700-48U-NDF

The S5700-48U-NDF is connected between two switches or between a PoE switch and a PD for isolation protection. When the S5700-48U-NDF is used between a PoE switch and a PD, each port

Dec 02, 2025

Huawei S12700 Series Switches Product Datasheet

Huawei S12700 Series Switches Product Datasheet 1 Introduction HUAWEI S12700 series agile switches (S12700 for short) are designed for next-generation campus networks. Using a fully

May 15, 2026

S Series Campus Switches Quick Configuration.pdf

This document describes how to log in Huawei S series switches for the first time and fast configure the switches, and describes the procedures of configuring unconfigured switches in three

Dec 27, 2025

CloudEngine Series Data Center Switches

Huawei CloudEngine series switches are high-performance cloud switches designed for next-generation data centers and high-end campus networks. The series

Mar 20, 2026

S Series Switches Stack Deployment Best Practices

S Series Switches Stack Deployment Best Practices This document describes the best practices for stack deployment, including device selection, deployment, networking deployment, stack setup

Jan 10, 2026

Huawei Switch 48 Port: Sufficient Connections? Will Port Density ...

Instead of needing two or three 24-port switches – each requiring its own power supply, management connection, rack unit (RU) space, and cooling overhead – a single Huawei Switch ...

Nov 02, 2025

Data Center Switches

Data Center Switches CloudEngine Data Center Switches — Ethernet switches widely used in diverse applications and in different network sizes, in both data

Jun 11, 2026

Huawei S9300E Switch Product Brochures

Product Overview Huawei S9300E series (S9300E for short) terabit routing switches are next-generation high-end smart switches tailored for multiservice networks. The S9300E uses Huawei's intelligent

Dec 25, 2025

CloudEngine 6800 Series Switches | Huawei Enterprise

CE6800 series are high-density, low latency, high-performance switches that enable enterprises to build cloud-oriented data center networks. Read more.

Feb 11, 2026

SME Network Solution Typical Configuration Examples

"Gateway + Switch + AP" Networking: Local Entire-Network Deployment (EasyWeb)
"Gateway (S380) +Core Switch +Access Switch +AP" Networking: Huawei eKit Cloud Management

Feb 27, 2026

Huawei S5330-HI Series Switches Product Brochure

Huawei S5330-HI Series Switches Product Huawei S5330-HI gigabit ethernet switches are Huawei-developed next-generation agile switches that provide fixed full gigabit access and 10GE uplink

Nov 27, 2025

Huawei CE5850-48T4S2Q-HI Switch Price& Datasheet MF-Telecom

The Huawei Cloud Engine CE5800 series switches are next-generation, high-density Gigabit Ethernet switches designed for data centers and high-end campus networks. The hardware has an advanced

Aug 18, 2025

CloudEngine 7800 Series Data Center Switches

Huawei CloudEngine 7800 series (CE7800) switches are next-generation 40G Ethernet switches designed for data centers and high-end campus networks. The switches provide high-performance,

Jul 17, 2025

S6700-48-EI

Indicator Description The S6700-48-EI has the same types of indicators as the S6700-24-EI. For details, see Indicator Description.

Jan 28, 2026

CloudEngine 16800 Series Switches | Huawei Enterprise

CloudEngine 16800 data center switches are built for the intelligent era, offering large capacity and intelligent O& M, powered by an intelligent engine.

Jun 04, 2026

CE6881E-48S6CQ (02353LHN)

This document provides an overall description of the CE5800& 6800& 8800& 9800 series switches hardware that V200R020C00 and later versions, helping you obtain detailed information about each

Dec 31, 2025

Basic CLI Commands on Huawei Switch

This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It provides step-by-step instructions for users to perform

May 03, 2026

9 Essential Huawei Switch Commands Every Network

Picture this: it's 3 AM, the office is dark, and an urgent alert signals a critical network slowdown affecting the entire finance department. Your console session connects

Sep 24, 2025

Huawei CloudEngine 6881-48S6CQ/6881-48T6CQ Data

Huawei CloudEngine 6881 series switches are next-generation 10GE access switches that provide high performance and high port density on data center

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.elagage-lorrain.fr>

Email: sales@elagage-lorrain.fr

Phone: +33 6 47 82 19 35

Address: 15 Rue de la République, 69002 Lyon, France

This document is for informational purposes only. Specifications subject to change without notice.

