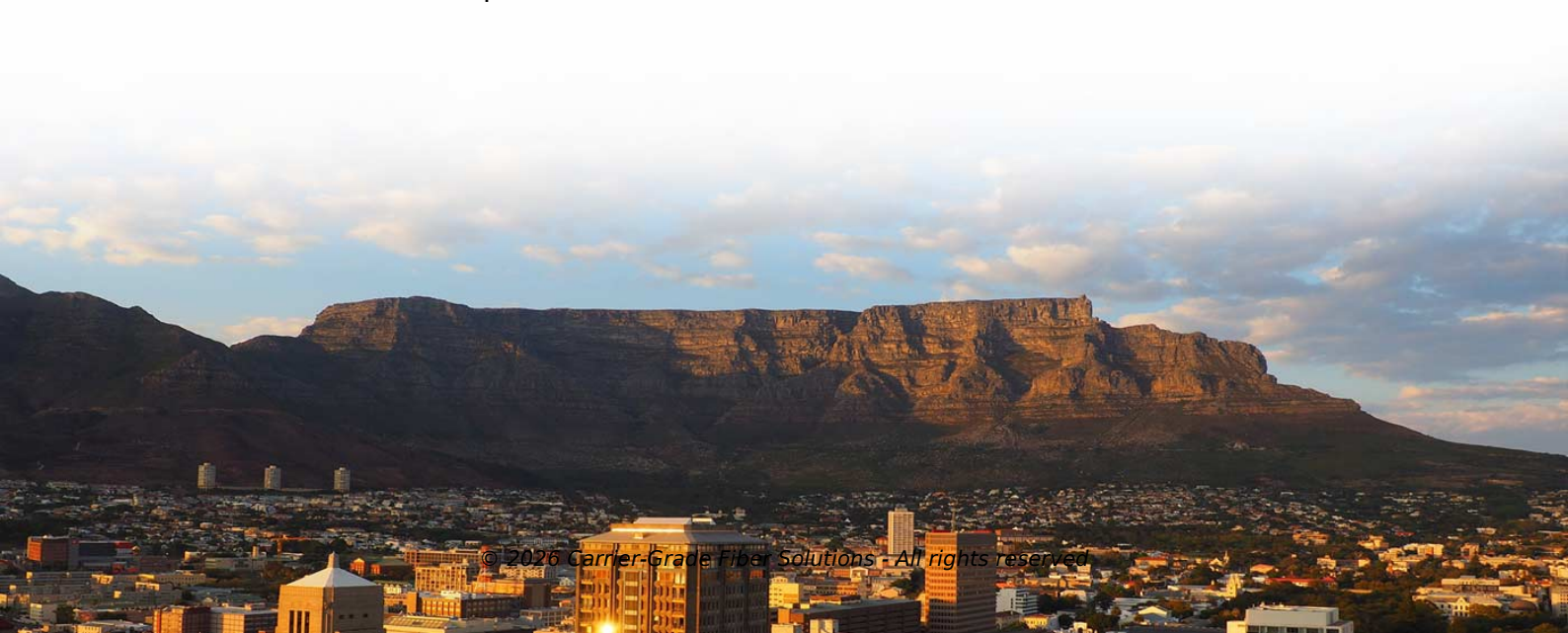


Huawei Chassis-type Core Switch



Overview

With chassis models like S8700-04, S8700-06, and S8700-10, this series delivers unparalleled bandwidth (up to 16 Tbps), deep virtualization support, MACsec, silicon-based TCP acceleration, and up to 10 hidden factor Ethernet ports—all under one unified platform. ideal for premium campus networks in the Wi-Fi 6/7 era. They are available in three models — CloudEngine S8700-4 with 4 40GE, and 100GE access ports, helping quickly build a future-proof campus network with simplified architecture. CloudEngine S8700 offers customers a trusted system and secure data. Huawei's comprehensive portfolio of products and solutions enables you to realize smooth digital transformation and rapid growth of virtualization, Big Data, and cloud services. Huawei switches already help customers achieve success in industries such as finance, Internet, retail, education. The Huawei CloudEngine S8700 Series represents the pinnacle of modular, core-level switching for large enterprises and data centers. Unlike fixed-configuration switches, chassis-based systems are the Swiss Army knives of networking—expandable, customizable, and. Supports two Main Control Units (MCUs), three Line Processing Units (LPUs), and AC or DC power modules in 1+1 backup mode.



Article Content

Oct 15, 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

Feb 15, 2026

Native AC Solution: Core Switches Function as the Gateway for Wired

In addition, core switches are configured with the native AC function to manage APs and transmit wireless service traffic on the entire network, implementing wired and wireless convergence.

Jan 05, 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.

Nov 15, 2025

Get to Know the Names of CloudEngine Series Switches and

On a typical data center network, CloudEngine 16800, 12800, or 12800E switches work as core switches (spine), whereas CloudEngine 8800, 7800, 6800, or 5800 switches work as access switches (leaf)

Dec 25, 2025

CloudEngine S16700 Series Switches

CloudEngine S16700 series switches are flagship core switches with record-high performance designed for high-quality 10 Gbps campus networks. This series

Jun 13, 2026

Huawei CloudEngine S8700 Core Switches | Modular

Explore Huawei CloudEngine S8700 modular chassis switches, designed for enterprise cores and data centers, these switches deliver up to 16

Jan 13, 2026

Huawei S9300 Switch Product Brochures

Product Overview Huawei S9300 series (S9300 for short) terabit routing switches are next-generation high-end smart switches tailored for multiservice networks. The S9300 uses Huawei's intelligent

Jul 25, 2025

Huawei S6700 Series Switches Product Brochure

Huawei S6700 Series Switches Product Brochure Product Overview The S6700 series switches (S6700s) are next-generation 10G box switches. The S6700 can function as an access switch in an

Jun 11, 2026

S7700 Series Switches

Huawei S7700 series switches are smart routing switches with unified user management for campus networks. They support SDN and intelligent O& M.

Jul 26, 2025

Campus Switches

Campus Switches Huawei S Series Switches fully accommodate metro core, aggregation, edge aggregation, and access networking requirements, and are

May 07, 2026

Is Huawei Chassis Switch the Scalability Powerhouse?

Short answer: If networks were skyscrapers, this switch would be the steel frame. The Huawei Chassis Switch isn't a single device—it's a system.

Aug 03, 2025

Network Switches | Huawei Enterprise

Huawei campus switches are ideal for building future-proof campus networks with simplified management, high reliability, and service intelligence, across industries

Sep 10, 2025

S7700 and S9700 Chassis Switches Products Introduction V1.2

In a CSS2 cluster, inter-chassis control and data packets are directly forwarded by Switch Fabric Units (SFUs). Control packets can be transmitted in a dedicated hardware channel. If the control channel

Jun 21, 2026

Chassis Overview

The switches are built on an integrated hardware platform, and their hardware system consists of the chassis, power module, fan module, extended cards, and Switch Control Unit (SCU).

May 29, 2026

Huawei Enterprise Sx700 Series Switch Product

The S9700's multi-service routing and switching platform meets requirements for service bearing at the access layer, aggregation layer, and core layer of enterprise networks. The S9700 provides wireless

Feb 16, 2026

CloudEngine S8700 Series Switches | Huawei Enterprise

CloudEngine S8700 series switches are designed for future-proof cloud campus networks to improve user experience and reduce costs. [Learn More](#).

Nov 03, 2025

Configuring the Core Switch

Configuring the Core Switch Context In this scenario, IP addresses of the interfaces connecting the core switch to the BRASs and firewalls and OSPF need to be configured on the core

Nov 21, 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

Apr 19, 2026

CloudEngine 12800 and 12800E Series Switches Hardware Description

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information about each chassis, power module, fan module, card, cable, and

May 10, 2026

Get to Know the Names of CloudEngine Series Switches and Modules

Chassis: is a case body and a physical container that allows installation of power modules, fan modules, and various types of cards. CloudEngine 16800, 12800, or 12800E core switch can be considered as

Dec 05, 2025

Huawei CloudEngine S8700 Series Switches Datasheet

Huawei CloudEngine S8700 series switches ("CloudEngine S8700") are next-generation modular aggregation/access switches ideal for premium campus

Mar 30, 2026

Huawei CloudEngine 12800 Switch Datasheet

Product Overview The CloudEngine 12800 series switches are next-generation, high-performance core switches designed for data center networks and high-end campus networks. Using Huawei's next

May 27, 2026

CloudEngine S12700H Series Switches

CloudEngine S12700H series switches are Huawei's next-generation modular core/aggregation switches designed for high-end campus networks in the all-wireless era of Wi-Fi 6/7. CloudEngine S12700H

Contact Us

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