



**EIT Opto-Routing**

# **Huawei Core Switch Characteristics**





## 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. 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. CloudEngine S16700 series switches (S16700 for short) are Huawei's next-generation modular core switches designed for high-end campus networks in the all-wireless era. I specialize in advanced network configurations, troubleshooting, and providing expert-level support to ensure seamless network operations. They provide ultra-high-density 10GE/40GE/100GE/200GE/400GE full-rate access ports, meeting customers' requirements for quickly building campus networks with a simplified.



## Huawei Core Switch Characteristics

---

### Switches

---

Switches After more than 20 years of unremitting efforts and stable development, Huawei provides extensive experience in Ethernet switches. With multiple industry-leading intellectual properties and

### Product Characteristics

---

With a multi-service routing and switching platform, the switch meets service transmission requirements at the access, aggregation, and core layers of enterprise networks, and provides voice, video, and



## **(Video) Director Tech Talk: Introduction to HUAWEI CloudEngine**

---

Huawei CloudEngine S16700 series flagship core switches are next-generation flagship modular core switches designed for high-end campus networks. They are designed to improve user experience,

## **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

## **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



## **S5700 Series Switches Product Description (V200)**

---

Product Characteristics Huawei S5700 series Ethernet switches are next-generation energy-saving GE switches designed to provide high-bandwidth access and Ethernet multi-service aggregation.

## **Huawei S5700 Series Switches Tech-Level Main Slides**

---

S5700 series switches can be used as core/aggregation switches in small- and medium-scale enterprises or branches of large enterprises. S2700 and S3700 switches can connect to S5700s as



## CloudEngine S8700 Series Switches Product Description

---

Product Characteristics CloudEngine S8700 series smart routing switches (S8700 for short) are high-end switches designed by Huawei for next-generation enterprise networks.

## Product Characteristics

---

CloudEngine S6700 series Ethernet switches (S6700 for short) are next-generation 10GE fixed switches developed by Huawei. They can operate as access switches for 10GE servers and as core switches

## 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

## CloudEngine 7800 Series Data Center Switches

---

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

### S1700, S2700, S3700, S5700, and S6700 Box Switches Products

---

It can be used in a data center to provide 10 Gbit/s access to servers or function as a core switch on a campus network to provide 10 Gbit/s traffic aggregation. In addition, the S6700



## Huawei Fixed Switches Overview

---

Like Cisco switch, Huawei switch is a big family that contains two product lines with different functionality: switches for campus corporate networks

## 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

## S12700 SERIES AGILE SWITCHES PRODUCT DESCRIPTION

---

With this technology, a physical network with core/aggregation switches, access switches, and APs can be virtualized into one logical switch, offering the simplest



network management solution.

## Why Does Your Network Need a Huawei Core Switch? Is Outdated

---

At the heart of this challenge lies the core switch --a device that either becomes the backbone of seamless operations or a bottleneck dragging down your entire infrastructure.

## What Is a Switch? What Is It Used for?

---

What Is a Switch? A switch enables network communication for connected IT devices. Switches fall into different categories from different perspectives, including Ethernet switches, Layer



## **Huawei CloudEngine S8700 Core Switches , Modular**

---

The Huawei CloudEngine S8700 Series sets a new standard for modular core switching--featuring up to 16Tbps throughput, full MACsec

## **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

## **S12700 Series Agile Switches Product Description**

---

ProductCharacteristicsHuaweiS12700seriesagileswitchesarecoreswitchesdesigned for next-generation campus networks. Using a fully programmable switching architecture, the S12700 series



## **CloudEngine S5700 Series Switches Product Description (V600)**

---

Product Characteristics CloudEngine S5700 series Ethernet switches (S5700 for short) are Huawei's next-generation energy-saving gigabit Ethernet switches that provide high-bandwidth access and

## **Huawei Launches the All-New CloudEngine S-Series**

---

Huawei announced a major leap in campus networking by unveiling 16 new models of CloudEngine S-series access, aggregation, and core switches.

## **Huawei CloudEngine S16700 Series Flagship Core Switches Datasheet**

---



Huawei CloudEngine S16700 series switches (S16700 for short) are next-generation modular core switches designed for high- end campus networks in the fully-wireless era.

## **Huawei Core Switch: Network's Beating Heart? Can Centralized**

---

Every enterprise network has a silent dictator--the Huawei core switch. Buried in server rooms or data centers, this unassuming device governs traffic flow between departments,

## **CloudEngine S8700 Series Switches , Huawei Enterprise**

---

CloudEngineS8700series switches are designed for future-proof cloud campus networks to improve user experience and reduce costs. [Learn More.](#)



## Contact Us

---

For datasheets, pricing, or custom optical networking solutions, please visit:  
<https://www.entrenamientointeligente.es>