



**ZTP Thermal & Power**

# **Huawei Mainstream Core Switches**





## Overview

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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. 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. After more than 20 years of unremitting efforts and stable development, Huawei provides extensive experience in Ethernet switches. Currently, CE12800 series switches include the CE12804, CE12808, CE12812, CE12816, CE12804S, CE12808S, CE12804E, CE12808E, and CE12816E. 173/1548 Tbit/s switching capacity, supporting smooth evolution to 400 GE in anticipation of future traffic demand.



## Huawei Mainstream Core Switches

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### Rechenzentrums-Switches von Huawei

CloudEngine data center switches -- Ethernet switches widely used in diverse applications and in different network sizes, in both data centers and high-end campus networks -- feature network

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### 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 centers and high-end campus networks --

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## **(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,

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## **Native AC + Free Mobility Solution: Core Switches Function as the**

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.

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## **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.

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## **Huawei CloudEngine 6881H Switch Datasheet**

CloudEngine 6881H series switches provide high-density 10GE access to help enterprises and carriers build DCNs in the cloud computing era. They can also work as core or aggregation switches on

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## **Huawei Switch 100G: Your Network's Lifeline? Is Enterprise Agility**

It's clear. Choosing the Huawei Switch 100G is less about replacing old hardware and more fundamentally redefining your network's potential. When your core can effortlessly handle 100G

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## **CE12800 Series**

CE12800 series switches are next-generation, high-performance, core modular switches designed for data centers and high-end campus networks. Currently, CE12800 series switches

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## **CloudEngine 16800 Series Switches , Huawei Enterprise**

Brand-new modular switches featuring an innovative backplane-free Clos architecture, offering a variety of card options to support enterprises in

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## **Campus Switches**

Huawei S Series Switches fully accommodate metro core, aggregation, edge



aggregation, and access networking requirements, and are capable of building an

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## **Ethernet Switches**

Ethernet Switches After more than 20 years of unremitting efforts and stable development, Huawei provides extensive experience in Ethernet switches. With

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## **Deutsche Telekom Switches to Mavenir for 5G Standalone Core**

Deutsche Telekom replaced Ericsson with Mavenir for 5G standalone core, achieving 65% energy savings & consumer-scale network slicing.

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## **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.

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## **CloudEngine Series Data Center Switches**

Huawei CloudEngine (CE) series switches are high-performance cloud switches designed for next-generation data centers and high-end campus networks. The series includes Huawei's flagship

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## **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

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## Switches

With multiple industry-leading intellectual properties and patents, Huawei provides more than a hundred switch models in more than 10 series, including access,

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## Switches

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

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## 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

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## 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

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## 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,



## 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

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## Network Switches

Huawei Ethernet Switches Turbocharge your enterprise network with high-performance, high-availability for resilient services and simplified management.

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



## Wired

In this example, a CSS of core switches functions as the gateway for wired and wireless users on the entire network and is responsible for routing and forwarding of user services on the entire network.

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## **(Video) CloudEngine S16700 Series Flagship Core Switches Product**

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,

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## **Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules**

Custom 50G QSFP28 Optical Transceivers Engineered for enterprise legacy upgrades and specific dual-lane (2x25G) architectures. We manufacture robust 50G QSFP28



modules in LR (10km) and

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## **Huawei Watch Fit 5 Pro review: Simple, sleek and effective**

The hardware And, make no mistake, the Huawei Watch Fit 5 Pro beats all of them when it comes to build quality, materials and looks.

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## **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.

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## Netzwerk-Switches von Huawei

Für jede Branche Switches von Huawei werden in Bereichen wie Finanzen, Internet, Einzelhandel, Bildung, Produktion und Behörden eingesetzt. Mit den Lösungen,

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## 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

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## Huawei Enterprise Support Community

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## **Native AC + Policy Association Solution: Core Switches Function as**

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.

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## **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.

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## **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, cloud platforms, and

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## CloudEngine 5800 Series Data Center Switches

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

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