

Huawei High-End Core Switch Series



AI Overview

Huawei's high-end core switches, including the CloudEngine S8700, S12700E, and CE12800 series, deliver ultra-high performance, scalability, and advanced features for enterprise and data center networks.

CloudEngine S8700 Series The S8700 series represents Huawei's modular, core-level switches for large enterprises and data centers. Chassis models like S8700-04, S8700-06, and S8700-10 provide up to 16 Tbps bandwidth, deep virtualization support, MACsec encryption, and silicon-based TCP acceleration. The series supports hot-swappable MPUs, LPUs, fans, and power units, ensuring continuous operation. With up to 18 line card slots, it can mix 10/25GbE access with 100/400GbE fabric uplinks. Advanced features include VXLAN Gateway, BGP-EVPN overlay switching, full CSS 2.0 chassis clustering, MPLS EVPN, SRVPN, and L3 multilayer aggregation, along with comprehensive security and traffic monitoring tools.

CloudEngine S12700E Series The S12700E series is designed for next-generation campus networks and core deployments. It features a fully programmable switching architecture for SDN evolution, native wireless AC integration, and unified user management. The series leverages Huawei's Packet Conservation Algorithm (iPCA) for hop-by-hop service monitoring and supports high-performance L2/L3 switching, MPLS VPN, desktop cloud, and video conferencing. The next-generation switch fabric (NGSF) and cell switching technology reduce latency and improve load balancing. Reliability features include hardware Ethernet OAM, BFD, and ring network protection.

CloudEngine CE12800 Series The CE12800 series is Huawei's flagship data center core switch, offering up to 178 Tbps switching capacity (scalable to 1032 Tbps) and support for hundreds to thousands of 10/25/40/100GE ports. It uses an industry-leading Clos architecture for non-blocking performance and industrial-grade reliability. The CE12800 series supports comprehensive virtualization, data center service features, and energy-efficient front-to-back airflow...

Article Content

Huawei Switch Datasheet & Price Solution

S12700 series switches run the Huawei Versatile Routing Platform, which provides high-performance L2/3 switching services. S12700E are new core switches designed ...

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 —

Switches

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

Huawei Ethernet Switches

Router-switch offers huawei CloudEngine, Campus and smb ethernet switches, provide high-availability, high-performance networking for large-scale data centers, ISPs, and enterprise IT networks.

Ethernet Switches

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

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

Huawei Switches Buying Guide 2026

Current Product Landscape The following table highlights key high-performance models currently available on B2B platforms, ranging from data center core switches to high-density campus units.

Netzwerk-Switches von Huawei

Rechenzentrums-Switches CloudEngine Rechenzentrums-Switches - Ethernet-Switches, die in verschiedenen Anwendungen und Netzwerkgrößen eingesetzt

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

Choosing the Best Huawei Switch: Efficient and

Discover Huawei switches that deliver high-performance, stability, and scalability for businesses of all sizes. Get Huawei pricing and delivery information.

HUAWEI HG8245 SERIES QUICK START MANUAL

View and Download Huawei HG8245 series quick start manual online. EchoLife Gateway GPON Terminal. HG8245 series network router pdf manual download.

Huawei CloudEngine S16700 Series Flagship Core Switches Datasheet

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 S12700E SERIES SWITCHES PRODUCT

Employing end-to-end hardware reliability technologies and iPCA, the S12700E series switches offer a highly reliable, high-quality, scalable video conferencing and surveillance solution.

Huawei Switch Models: Overwhelming Options or Strategic Advantage ...

Navigating Huawei switch models feels like walking into a tech labyrinth: the S5700, CE8800, and S6730 series all promise blazing speeds and ironclad security, but choosing ...

Campus Switches | Huawei Enterprise

CloudEngine S-Series Campus Switches Huawei campus switches are ideal for building future-proof campus networks with simplified management, high

CloudEngine 12800 Series Data Center Core Switches

Product Overview The CloudEngine 12800 (CE12800) series switches are next-generation, high-performance core switches designed for data center networks and high-end campus networks. Using

Network Switches Prices in Nigeria (119 Products) | Jumia

Browse 119 Network Switches in Nigeria. Compare prices, check specs and order online with fast delivery. Cash on delivery Easy returns | Jumia Nigeria

Huawei CloudEngine S16700 Series Flagship Core Switches Datasheet

Huawei CloudEngine S16700 Series Flagship Core Switches Datasheet Download (1.4MB)

HUAWEI Mate 90A smartphone series released by Huawei ...

The high-end Kirin 9050 Pro may become a core highlight of the series. On July 1, news emerged that the Huawei Mate 90 series has tested eSIM functionality and is expected to support a dual physical

(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

Network Switches | Huawei Enterprise

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

Huawei CloudEngine S8700 Core Switches | Modular

With chassis models like S8700-04, S8700-06, and S8700-10, this series delivers unparalleled bandwidth (up to 16 Tbps), deep virtualization

Huawei Ethernet Switch & Network Switches Solutions

Thunder link offers various models of Huawei Ethernet switches and network switches, including the S5720, S6720, S6730, CE6800 and CE12800, designed

Huawei S6700 Series Switches Product Brochure

The S6700 has industry-leading performance and provides up to 24 or 48 line-speed 10GE ports. It can be used in a data center to provide 10 Gbit/s access to servers or function as a core switch on a

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