

Huawei Triple-Network Integration Core Switch



Overview

With up to 48 10 GE downlinks and 40/100 GE uplinks, the S6730-H series supports bandwidth-hungry access and spine layers—perfect for Wi-Fi 6 APs, 4K/8K video, and virtualization workloads. Based on Huawei's VRP OS, the series delivers OSPF, BGP, RIPvng, IS-IS, VRRP, and. 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. Huawei also provides the Cloud Fabric Data Center Network Solution, which is designed for next-generation cloud computing, as well as an integrated Metropolitan Area Network (MAN) Interconnection Solution. Moreover, adhering to a low-carbon, energy-saving design concept, Huawei builds. Hello, my name is Bob, and I am a Senior Engineer with the Technical Services team at network-switch. I am also a certified Cisco CCIE professional and HCIE certified engineer, which reflects my expertise in networking and my dedication to delivering high-quality technical solutions. I. The CloudEngine 12800 (CE12800 for short) series switches are next-generation, high-performance core switches designed for data center networks and high-end campus networks. Using Huawei's next-generation VRP8 software platform, CE12800 series switches provide stable, reliable, and secure. Enterprise three-tier network architecture using Huawei AR6700 exit router, S5735 L3 distribution switch, and four departmental VLANs with dedicated access layer switches. Traffic flows from WAN through the edge router into the distribution layer, then branches across Admin, Finance, R&D, and Sales.

Article Content

Why Is the Huawei CloudEngine 12800 Core Switch a Game

In today's hyper-connected digital landscape, the backbone of any enterprise network relies on one critical component: the core switch. The Huawei CloudEngine 12800 Core Switch isn't just another

Standalone AC Solution: Core Switches Function as the Gateway for

Networking Requirements Core switches set up a CSS that functions as the core of the entire campus network to implement high network reliability and forwarding of a large amount of data. A standalone

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

Ethernet Switches

These switches accommodate cloud data center, large metro core, aggregation, edge aggregation, and access networking requirements. Huawei also provides

Huawei Core Switch: Das schlagende Herz des Netzwerks? Kann ...

Jedes Unternehmensnetzwerk hat einen stillen Diktator – den Huawei Core Switch. Versteckt in Serverräumen oder Rechenzentren regelt dieses unscheinbare Gerät den Datenverkehr zwischen

Enterprise LAN with Huawei Switches — Network Diagram

Three-tier enterprise network using Huawei AR6700 router and S5735 switches with VLAN segmentation. Explore, fork, and customize this architecture diagram.

Huawei Launches Industry's First AI Core Network,

[Barcelona, Spain, March 3, 2025] At MWC Barcelona 2025, George Gao, President of Huawei Cloud Core Network Product Line, announced the launch of the

Huawei Switch Trends 2025: AI & Optical Innovation

Discover the latest Huawei switch trends for 2025, including AI-driven management, optical innovations, and ultra-dense data center solutions. Learn how these advancements boost

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

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

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

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 —

Why Does Your Network Need A Huawei Core Switch? Is Outdated ...

Huawei core switches, engineered for high-performance scalability, are designed to eliminate these pain points. But how exactly do they transform network reliability, and ...

Huawei Ethernet Switches

For data centers and high-end campus networks, the Huawei's CE Ethernet switches power the world's biggest carrier networks and data centers. Help you build and maintain resilient, secure, and

CloudEngine 12800 Series Data Center Core Switches

Using Huawei's next-generation VRP8 software platform, CE12800 series switches provide stable, reliable, and secure high-performance L2/ L3 switching capabilities to help build an elastic,

Huawei Enterprise Networking

Huawei Enterprise Network offers an extensive range of switching, routing, Wireless Local Area Network (WLAN), and network security devices and cutting-edge

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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

Huawei S6730 Switch - 10GE Aggregation & Core

The Huawei S6730 Switch series sets a high bar as both an Aggregation Switch and Core Switch, offering 10 GE access, 100 GE uplinks, VXLAN fabrics, intelligent

Campus Switches

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

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.

Switches

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

Choosing the 2025 Best Huawei Switch: Efficient and

Why Huawei Switches Are Trusted by Enterprises? Huawei has earned its position as one of the world's most trusted networking vendors through innovation,

Contact Us

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