

Unboxing Huawei Core Switch

Article Overview

Huawei core switches, such as the S5720H and S6730-S series, offer high-performance, programmable, and scalable network solutions suitable for enterprise and campus networks.

Unboxing

When unboxing a Huawei core switch, you typically receive the following items:

- o The switch chassis with pre-installed modules or ports (e.g., 24-48 GE ports, 10/40 GE uplinks)
- o Power supply units (redundant in high-end models)
- o Rack mounting kits including brackets and screws
- o Console cables for initial configuration
- o Documentation such as quick start guides and warranty information For example, the Huawei CloudEngine S6730-S series comes with 10 GE downlink ports and 40 GE uplink ports, designed for high-speed data center or campus core deployment . The S5720H series includes PoE+ support up to 1,150 W, ideal for powering Wi-Fi 6 APs, IP phones, and cameras .

Physical Setup

- o Mount the switch in a standard 19-inch rack using the provided brackets.
- o Install power supplies and connect to a reliable power source. Redundant power supplies are recommended for high availability.
- o Connect uplink and downlink cables according to your network design, using RJ-45 or SFP/SFP+ modules as needed.
- o Check LEDs to ensure the switch powers on and ports are active.

Initial Configuration

Huawei switches run the VRP (Versatile Routing Platform) operating system, which supports Layer 2/3 protocols, OSPF, BGP, VRRP, ACLs, multicast, and IPv6 . To configure the switch:

- o Connect via console cable to the management port.
- o Access the CLI using terminal software (e.g., PuTTY).
- o Set basic parameters: hostname, management IP, default gateway, and passwords.
- o Configure VLANs and assign ports to VLANs for segmentation.
- o Enable routing protocols if deploying as a Layer 3 core switch.
- o Save configuration to ensure settings persist after reboot. For step-by-step guidance, Huawei provides video tutorials for switch configuration, covering both new setups and network optimization .

Advanced Usage

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- o Stacking and Virtualization: S5720H supports iStack (up to 9 units) and SVF for simplified management .
- o PoE Management: Allocate PoE budgets to connected devices efficiently.
- o Network Automation: Use Huawei Intelligent Controller or CloudEngine controllers for SDN and programmable network management .
- o Monitoring and Security: Enable ACLs, MACsec, and real-time visibility features to secure and monitor traffic.

Summary

Huawei core switches provide high reliability, scalability, and programmability for enterprise and campus networks. Proper unboxing, physical setup, and initial configuration are essential to leverage features like PoE+, stacking, and advanced routing. Video tutorials and official documentation are valuable resources for both beginners and experienced network engineers .

Huawei Core Switch: Network's Beating Heart? Can Centralized Power Redefine Enterprise Scalability? Every enterprise network

Positioned perfectly as an Aggregation Switch or Core Switch, the S6730-H delivers

Huawei Core-Switch S6730-S24X6Q Full Configurations For Asa Technology Asa

In this video, we'll guide you through the process of configuring a Huawei Switch for your network. Whether you're

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Data Center Switches CloudEngine Data Center Switches -- Ethernet switches widely used in diverse applications and in different

Unboxing do Switch Huawei S6730-H24X6C: Conheça o Switch mais desejado do

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

Jedes Unternehmensnetzwerk hat einen stillen Diktator - den Huawei Core Switch. Versteckt in Serverräumen oder Rechenzentren

CloudEngine S6730-S Series Switches Providing 10 GE downlink ports alongside 40 GE

En este video realizamos el unboxing completo del equipo y te mostramos en detalle

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