

Huawei Aggregation Switch Model Identification



AI Overview

Huawei aggregation switches can be identified by their series, naming conventions, port configurations, and feature sets, such as S5700, S5730, S5735, and S6700 series.

Key Huawei Aggregation Switch Series

- S5700 Series:** Fixed-configuration switches suitable for campus and branch networks, offering Gigabit and 10-Gigabit uplinks, PoE support, and stacking capabilities ().
- S5730 Series:** Enhanced fixed-configuration distribution switches with higher interface density and advanced features like ACLs, firewall integration, and DDoS protection ().
- S5735 Series:** Compact, high-performance switches for enterprise edge or small data centers, supporting PoE/PoE++ and multiple uplink options ().
- S6700 Series:** Modular aggregation switches designed for large campus networks or data centers, allowing flexible expansion with line cards and power modules ().

Naming Rules for Huawei Switch Models

Huawei switch model names encode key specifications ():

- S:** Indicates a distribution/aggregation switch.
- Tens place (e.g., S5720 vs. S5730):** Represents version updates.
- Ones place (e.g., S5720 vs. S5721):** Denotes individual specification upgrades.
- Downlink interface rate:** 5 = Gigabit, 6 = 10 Gigabit.
- Interface count:** Numbers like 52 indicate the maximum number of interfaces.
- P:** Uplink fixed gigabit optical port.
- TP:** Combo uplink interface supporting optical and electrical ports.
- PWR/PWH:** PoE or PoE++ support.
- AC/DC/BAT:** Power supply type (AC, DC, or battery).
- LI/SI/SV2:** Version or simplified/enhanced model designation.

For example, S5700S-52P-PWR-LI-24S-AC indicates a distribution switch with 52 interfaces, PoE support, simplified version, 24 SFP ports, and AC power ().

Features and Deployment Considerations

Stacking: Many aggregation switches support Huawei stacking technologies like iStack or CSS, allowing multiple switches to operate as a single log...

Article Content

Huawei latest model switch S5XXX switch naming rules

Example model S5700S-52P-PWR-LI-24S-AC Switch naming rules (applicable to models released in V200R013C02 and later versions)

Aggregation Switch: Increasing the Priority of Special Traffic

Aggregation switches set up stacks to implement device-level backup and increase the interface density and forwarding bandwidth. Before deploying QoS, ensure that the campus network is connected.

Standalone AC Solution: Aggregation Switches Function as Gateways

A standalone AC is deployed in off-path mode. It centrally manages APs on the entire network. In this example, aggregation switches set up stacks that function as gateways for wired and wireless users

Huawei S5720-56C-EI-AC Switch 48xGE 4x10GE SFP

Huawei S5720-56C-EI-AC delivers 48xGE and 4x10GE SFP+ for high-density access and aggregation. Simplify campus or SMB core deployment now.

How To Configure Interface Breakout And Aggregate On Huawei

This article takes Huawei CE6810-24S2Q-LI and CE6860-48S8CQ-EI switches as examples, introducing the configuration methods for QSFP interface breakout and aggregation on

CloudEngine S6730-H Series 10GE Switches

Huawei CloudEngine S6730-H series switches are next-generation enterprise-class core and aggregation switches that offer high performance, high reliability, cloud management, and intelligent

CloudEngine S8700 Series Switches | Huawei Enterprise

Huawei CloudEngine S8700 series switches are high-end switches designed by Huawei for next-generation enterprise networks. They use Huawei's intelligent

Ethernet Switches

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

Campus Switches

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

Aggregation Switch: Increasing the Priority of Special Traffic

Aggregation Switch: Increasing the Priority of Special Traffic Networking Requirements Core switches set up a CSS that functions as the core of the entire campus network to implement high network

Huawei Switch 6810: Aggregation Overkill? Can Consolidating

When latency spikes during peak hours, troubleshooting feels like archaeology, and scaling means bolting on more disparate boxes, the Huawei 6810 offers a ruthless alternative: ...

Huawei Aggregation Switch: Composition, Classification, and

These switches serve as critical intermediaries between access and core layers, ensuring high-speed data transmission, intelligent traffic management, and seamless scalability.

Network Switches | Huawei Enterprise

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

How to Verify Your Huawei Switch Model? Could the Right

This guide dives into foolproof methods to identify your Huawei switch, explains why accuracy matters for network health, and tackles scenarios where model confusion risks ...

How to Master Huawei Switch Stacking: Best Practices and ...

Mastering Huawei switch stacking requires meticulous planning, adherence to best practices, and proactive troubleshooting. By leveraging ring topologies, uniform firmware, and

CloudEngine S12700H Series Switches

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

Link Aggregation

S2700, S3700, S5700, and S6700 Series Switches Product Use Precautions This document provides the use precautions of the product, including licenses, software versions, feature

Huawei Aggregation Switch: Composition, Classification, and

Below is a detailed breakdown of key Huawei aggregation switch models and supporting management solutions, including their features, benefits, and ideal use cases.

Huawei Technical Support

Huawei Technical Support provides guidance on checking switch and version information for enterprise users.

Switches

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

CloudEngine S5736-S Series Switches

CloudEngine S5336-S series switches are developed based on next-generation high-performing hardware and the Huawei Versatile Routing Platform (VRP). CloudEngine S5336-S switches support

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Wie verifiziert man sein Huawei-Switch-Modell? Könnte die richtige ...

Für IT-Teams, die weitläufige Netzwerke verwalten, ist die Kenntnis des genauen Huawei-Switch-Modells im Rack nicht nur eine administrative Kleinigkeit, sondern geschäftskritisch. Ob bei der

S5730-SI Series Standard Gigabit Ethernet Switches

The S5730-SI series switches provide powerful aggregation and routing capabilities and can be used as core switches on a small-sized enterprise campus network. The S5730-SI series switches use iStack

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.

Configuring Aggregation and Access Switches to Be Managed by the ...

In this way, when configuring aggregation and access switches to be managed by the controller, you can configure the core switch as the management subnet gateway of the aggregation and access

Configuring Aggregation and Access Switches to Be Managed by the ...

A large number of aggregation and access switches need to be deployed on a large or midsize non-virtualized campus network. Therefore, during the initial batch deployment of

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