

Huawei 48-port switch in aggregation layer



Overview

CloudEngine S6750-H series 10GE switches are Huawei's next-generation enterprise-class switches designed for core and aggregation layers, with 48 × 10GE downlink optical ports and 8 × 100GE uplink optical ports. They feature high performance, high reliability, cloud management, and intelligent O&M. 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 Huawei 48-port switch is a fixed-configuration Ethernet switching platform offering exactly 48 physical RJ45 or SFP-based interfaces—designed primarily for wired endpoint connectivity in structured cabling environments. It features 48 × 10/100/1000BASE-T ports for high-speed data transfer and 4 × SFP+ uplink ports for high-bandwidth connectivity. "Feature Typical Configuration Examples" provides typical configuration examples of a single feature on a switch.



Article Content

Dec 17, 2025

CloudEngine S6750-H Series 25GE Switches

CloudEngine S6750-H series 25GE switches are Huawei's next-generation enterprise-class core and aggregation switches that offer 48 x 25GE optical

Feb 19, 2026

Huawei s7706 switch

Huawei S7706 switch, available for bulk orders starting at \$200, with MOQ of 1 unit. Suitable for wholesale, featuring ES1D2G48SX5L and S7703 PoE models, ideal for data centers and network

Aug 08, 2025

Standalone AC Solution: Aggregation Switches Function as Gateways

In this example, aggregation switches set up stacks that function as gateways for wired and wireless users on the entire network and are responsible for routing and forwarding of user services.

Oct 20, 2025

Empowering Enterprise Connectivity: An In-Depth Look at the Huawei ...

The Huawei S5735-L48P4X-A stands as a premier solution for modern enterprise access, offering a high-density gigabit foundation for digital transformation. Within the fast-paced world of

Aug 14, 2025

Huawei Switch 6810: Aggregation Overkill? Can Consolidating

Stepping into a cluttered network closet tells you everything. Tangled fiber links snaking between stacked switches, blinking alarms from overloaded ports, and the heat haze of hardware begging for

Nov 07, 2025

Link Aggregation Configuration

This chapter describes how to configure link aggregation. Link aggregation bundles multiple Ethernet links into a logical link to increase bandwidth, improve reliability, and load balance traffic.

Jul 28, 2025

Huawei Switch 48 Port: Sufficient Connections? Will Port Density ...

Ultimately, choosing the Huawei Switch 48 Port transcends merely adding more connections. It's a strategic decision for fundamentally eliminating layers of infrastructure complication.

Sep 26, 2025

Huawei 48-Port Switch Guide: How to Choose the Right One

A practical, no-fluff guide to selecting a Huawei 48-port switch—covering real-world use cases, key specs to compare, cost trade-offs, and what actually matters for SMBs and campus

Jan 13, 2026

Inside Huawei 48 Port Switch: Standards, Structure, and How It

Huawei 48-port switches serve as aggregation or access layer switches, enabling high-speed, low-latency connectivity for hundreds of virtual machines and physical servers.

Oct 16, 2025

Huawei Core Switch

For Huawei CE6820-48S6CQ-B Data Center Core Switch 48-Port 10G Optical + 6-Port 40/100GE Enterprise Switches US \$2254.56 MOQ: 2 pieces 1 yrs HK

Jul 23, 2025

S5700 Series Switches Product Description (V200)

Huawei S5700 series Ethernet switches are next-generation energy-saving GE switches designed to provide high-bandwidth access and Ethernet multi-service aggregation. Based on cutting-edge

May 15, 2026

Huawei S310-48P4X (98012385),48port gigabit PoE

Huawei's S310-48P4X is a Layer 3 switch with 48 ports, capable of 176 Gbit/s and 106 Mpps, suitable for campus network access and aggregation. It offers high

Dec 27, 2025

Link Aggregation Configuration

S1720, S2700, S5700, and S6720 V200R011C10 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring link aggregation,

Jan 29, 2026

Link Aggregation Configuration

Example for Configuring Link Aggregation in Manual Mode When Switches Are Directly Connected Overview Ethernet link aggregation increases link bandwidth by bundling multiple physical links to

Mar 25, 2026

Huawei S5330-HI Series Switches Product Brochure

Huawei S5330-HI Series Switches Product Huawei S5330-HI gigabit ethernet switches are Huawei-developed next-generation agile switches that provide fixed full gigabit access and 10GE uplink

Jan 12, 2026

CloudEngine S6750-H Series 10GE Switches

CloudEngine S6750-H series 10GE switches are Huawei's next-generation enterprise-class switches designed for core and aggregation layers, with 48 x

Jul 27, 2025

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

Click a stack at the access layer, select the member interfaces to be aggregated on the interface panels of the two member switches, and click Aggregate. In the Interface Configuration

Jun 21, 2026

link aggregation (IEEE802.3ad) on Huawei S5700

Eth-Trunk interfaces configured on S5700 switch support the following features: Layer 2 forwarding and Layer 3 forwarding (unicast and multicast). Hash algorithm-based load balancing.

May 08, 2026

Network Switches | Huawei Enterprise

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

Jul 07, 2025

Huawei s7700 switch

Types of Huawei S7700 Switch The Huawei S7700 series is a high-performance, modular multi-layer Ethernet switch designed for large enterprise networks, data centers, and cloud computing

Feb 11, 2026

Huawei S310-48P4S (98012384),48 port gigabit PoE

The Huawei S310-48P4S is a Gigabit Ethernet switch designed for campus networks, specifically for access and aggregation purposes. It features 48 x

Jan 30, 2026

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

Aug 13, 2025

Wholesale Huawei 24 Port Gigabit Switch Layer 3

Roughly \$90, verified supplier offers the Huawei 24 port gigabit switch, suitable for enterprise-level network management. Ideal for resellers and wholesalers.

Jul 15, 2025

Huawei 24-Port Gigabit Switch with 4 10G SFP+ Uplinks | S530

24 × Gigabit SFP ports for fiber-based networking 4 × 10GE SFP+ uplink ports for high bandwidth Advanced Layer 3 features for enterprise routing High reliability with stacking support Ideal for

Dec 02, 2025

Link Aggregation Configuration

Ethernet link aggregation increases link bandwidth by bundling multiple physical links to form a logical link. Link aggregation can work in manual mode or Link Aggregation Control Protocol (LACP) mode.

Contact Us

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