

Huawei Gigabit Core Aggregation Switch



AI Overview

Huawei offers a range of gigabit and multi-gigabit aggregation switches designed for campus and data center networks, combining high-speed access, flexible uplinks, PoE support, and advanced Layer 2/3 features. Key Huawei Gigabit Aggregation Switch Series:

- 1. S6320-SI Series** The S6320-SI series are next-generation multi-gigabit 10GE fixed switches suitable for campus and data center aggregation. They provide line-rate multi-gigabit access ports (100M/1G/2.5G/5G/10G) and 40GE uplinks, supporting high-speed wireless access and 10GE server connections. These switches offer comprehensive QoS, security policies, and scalable management, making them ideal for core or aggregation layers in campus networks.
- 2. CloudEngine S5731-S Series** The S5731-S series (also branded as CloudEngine S5731) are multi-GE switches with GE/2.5GE/10GE downlink ports and 10GE/40GE optical uplinks. They support PoE++ (up to 90 W) for Wi-Fi 6 APs, HD cameras, and remote modules. Built on Huawei's Versatile Routing Platform (VRP), they provide Layer 3 features, MPLS support, iStack stacking, VXLAN virtualization, and SDN programmability. These switches are widely used for enterprise campus access and aggregation, enabling network automation and reducing OPEX.
- 3. CloudEngine S5736-S Series** The S5736-S series is designed for the Wi-Fi 6 era, featuring 24 downlink ports, four 10GE SFP+ uplinks, and one extended slot. They support PoE, Intent-Driven Networking (IDN), flexible Ethernet, and enhanced Layer 3/IPv6 capabilities. These switches can function as access or aggregation switches in campus networks or as access switches in metropolitan area networks, with stack bandwidth up to 480 Gbit/s using additional 40GE cards.
- 4. CloudEngine S6750-H Series** The S6750-H series are 100GE enterprise-class core and aggregation switches with 36 x 100GE optical ports and 8 Tbit/s switching capacity. They support VXLAN-based network virtualization, MACsec encryption, and multi-service convergence, making them suitable for large-scale campus aggregation or c...

Article Content

S6320-SI Series Multi-Gigabit Switches

S6320-SI Series Multi-Gigabit Switches Huawei S6320-SI series switches are Huawei-developed next-generation multigigabit 10GE fixed switches. The S6320

All Products and Solutions

Directory of Huawei enterprise IT infrastructure products, solutions, and services.

Huawei S6730 Switch - 10GE Aggregation & Core

The Huawei S6730-H Switch series answers with high-density 10 GE access, robust Layer-3 capabilities, VXLAN virtualization, and intelligent O& M.

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 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.

Campus Switches | Huawei Enterprise

Huawei campus switches offer high-performance, secure, and reliable switching for enterprises, governments, finance and manufacturing networks. Learn more.

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 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

Huawei WiFi 7 Router Buying Guide for B2B Buyers

For Huawei BE3 Pro 2.5GE/1000M Quad-Core Fast Network WiFi7 Dual-Frequency Aggregation for Whole House Coverage Gigabit Router \$38-484.8(816) MOQ: 2 pieces HuaweiWiFi 7BE3 Pro≤1h

The Ultimate Guide to How ISP Can Prepare for the Multi-Gigabit Era ...

Technical Specifications To quantify the capabilities required for a multi-gigabit core, we present a representative technical specifications matrix for a carrier-grade aggregation switch designed for

Huawei S5731-S24T4X 24-Port Gigabit Switch with

The Huawei S5731-S24T4X is a switch from Huawei's S5731 series, designed for enterprise networks. It is a versatile and high-performance device that supports a

S6730-H24X6C-V2 Switch S6730-H-V2 PN 02354HHV YCICT

S6730-H24X6C-V2 is next-generation enterprise-class core and aggregation switch that offer high performance, high reliability, cloud management, and intelligent operations and maintenance (O& M).

S5735-S48T4X Overview and Enterprise Role

The S5735-S48T4X is a high-performance enterprise Ethernet switch designed for modern campus networks, data access layers, and aggregation scenarios. As part of the Huawei S5735 series, this

2026 Cat6 Ethernet Guide: Performance, PoE, and Real

Guide to Cat6 Ethernet cable: Cat6 vs Cat5e vs Cat6a, 1G-10G performance, PoE/PoE+, UTP vs shielded, solid vs stranded, and best

Cisco SFP vs GBIC vs XFP vs SFP+: A Practical

Network-Switch pre-tests all SFP+ modules, ensuring interoperability with Cisco Catalyst 9300 /9500, Huawei CloudEngine, and NS

Huawei S6720S Switch - Compact 10GE + 40GE Aggregation/Core

Enterprise and campus networks seek compact yet powerful switches for demanding aggregation layers. The Huawei S6720S-26Q-EI-24S-AC delivers—combining 24×10 GE access

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.

Huawei CloudEngine S6730-H24X6C Core/Aggregation

Durch die Integration nativer WLAN-AC-Funktionen zur Unterstützung von bis zu 1.024 WLAN-APs können Sie mit CloudEngine S6730-H Ihre kabelgebundenen

Campus Switches

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

HPE Aruba Networking CX switches

HPE Aruba Networking CX 6400 Switch Series High-availability modular chassis and line card switches for versatile edge aggregation, core, and data center

Best 10Gb Switch for SMB in 2025: Unlock Next-Gen Network

Upgrading to 10 Gigabit Ethernet (10GbE) switches is a critical step to overcome bottlenecks and future-proof SMB networks. This guide is designed for network engineers, IT

CloudEngine S5731-S Series Switches | Huawei

Huawei CloudEngine S5731-S series standard gigabit access switches provide full-gigabit electrical ports and fixed 10 GE uplink ports. Find out more.

Choose the Right Enterprise Switch in 2026: A

Confused about enterprise switch selection? This technical buyer's guide explains Layer 3, PoE, buffer, latency, and throughput for Huawei, Ruijie &

Core Switch Price Guide: 2026 Benchmarks & Cost Drivers

Learn how AI demand, component shortages, and modular 400G/800G adoption are driving core switch prices up—plus current B2B wholesale benchmarks from \$600–\$6,000 and subscription pricing

Network Switches | Huawei Enterprise

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

Huawei 24-Port Switch Buying Guide

The Huawei Quidway 24-port switch market is characterized by a transition from legacy models like the S2300 and S3700 series toward high-performance, energy-efficient Gigabit and 10GbE solutions like

Huawei S5720S Switch Series: Gigabit PoE+ for SMB

The Huawei S5720S series delivers practical, original Gigabit switching solutions tailored for access and aggregation needs across

S6720-SI Series Multi-Gigabit Switches

Huawei S6720-SI series switches are next-generation multi-gigabit 10GE fixed switches. It can provide high-speed wireless device access and 10GE data center server access and also function as an

Contact Us

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