

Huawei s latest switch with direct fiber optic connection



AI Overview

Huawei offers several high-performance switches with direct fiber optic connectivity, including the S9300, S5720, and CloudEngine S5735-S-V2 series, supporting SFP/SFP+ ports for scalable, low-latency networks.

Huawei S9300 Series

The S9300 series is a high-end terabit routing switch designed for multiservice networks, data centers, and WAN/MAN environments. It supports direct fiber connections via SFP+ optical modules, enabling high-speed inter-switch links and long-distance connectivity. The series includes models S9303, S9306, and S9312, all featuring interchangeable modules, hot-swappable components, and stacking capabilities through SFP+ stack cables or optical fibers. The S9300 supports advanced Layer 2/3 features, virtualization, and route hot backup for uninterrupted data forwarding, making it suitable for scalable, high-performance networks .

Huawei S5720 Series

The S5720-32X-EI-24S-AC is a Gigabit switch with 24 1,000 Base-X SFP ports and four 10G SFP+ ports, designed for enterprise campus and data center access. It supports Super Virtual Fabric (SVF), iStack clustering, and N+1 backup mode for high availability. The switch allows direct fiber connections using SFP/SFP+ modules, providing reliable, low-latency links for aggregation or access layers. It also supports IPv6 migration and advanced routing features, making it a versatile option for fiber-based networks .

Huawei CloudEngine S5735-S-V2 Series

Article Content

campus-switches

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

Optical Network Terminal vs Router Explained

The ONT connects directly to the fiber-optic line from your internet service provider, converting light signals into a usable internet

The Science Behind Huawei Fiber Switch: Properties, Production, and ...

Discover the science behind the Huawei fiber switch: explore its technical specifications, performance advantages, and key

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

How to Plug and Unplug Fiber Optic Connectors

Are you interested in seeing how fiber optic connectors get mechanically plugged into an adapter? This video goes

Optical fiber: the foundation of smart cities

Huawei's industry-leading solutions make it easier to deploy fiber to every neighborhood, building, and room. Behind the scenes, our

Huawei 24-Port Fiber Switch Buying Guide 2026

Compare Huawei 24-port fiber switch models (S5735, S5731, CE8800), analyze pricing tiers, assess thermal efficiency and PoE

CloudEngine S5736-S Series Switches | Huawei Enterprise

CloudEngine S5736-S series switches are all-optical switches that feature 48 downlink optical ports and four uplink 10 GE ports.

S1700 Series Switches

Huawei S1700 series enterprise switches provide energy-saving Fast Ethernet access for small businesses and branch locations.

Huawei FTTR for Home | FTTR-B Solution | Fiber to the room

Huawei's fiber to the room (FTTR) solution extends fibers to rooms and provides various gigabit Wi-Fi 6 master/slave FTTR units, all

Connecting Second-Generation Hybrid Cable

For details related to precautions for using the second-generation hybrid cable (hybrid cable 2.0), see Assembling Second

CloudEngine S5732-H-V2 Series Switches | Huawei

Huawei S5732-H V2 all-optical switches enable high-speed wireless access for Wi-Fi 6 networks. They

Fiber to The Room (FTTR) Solution

The Huawei FTTR solution uses dedicated pipe routing tools, innovative micro optical cables, and transparent optical cables, which

Network Switches | Huawei Enterprise

Huawei campus switches are ideal for building future-proof campus networks with simplified management, high reliability, and service

Fiber Optic Network Switches | Ethernet to Fiber Switches

Our switches are designed to connect copper Ethernet devices to multimode or singlemode fiber while supporting network speeds

CloudEngine S5731-H Series Switches | Huawei Enterprise

CloudEngine S5731-H series hybrid optical-electrical switches provide GE/10 GE electrical downlink ports and four 10 GE uplink

S1700 Series Switches

Huawei S1700 series switches are ideal for small to medium-sized businesses, Internet cafes, hotels, schools, and others. They are

Huawei Fiber Optic Switches in 2024: Beyond the CloudEngine Hype

When a Dubai data center operator discovered 37% lower latency using Huawei's "forgotten" OptiXtrans E6600 fiber switches

Optical Fiber

To connect a fiber, align the optical connector with the optical port and gently insert the optical fiber into the port. To remove a fiber,

Campus Switches | Huawei Enterprise

Huawei campus switches offer high-performance, secure, and reliable switching for enterprises, governments, finance and

Connecting Second-Generation Hybrid Cable

Connect the jumper to the corresponding ports on the HDF and hybrid optical-electrical switch. During the connection, ensure that

CloudEngine S5736-S Series Switches | Huawei Enterprise

CloudEngine S5736-S Series Switches are next generation standard all-optical GE switches, with 48 downlink optical ports and four

A Complete Buying Guide to Fiber Optic Switches

If you plan to upgrade to fiber optic network or blend fiber optics into your existing legacy network, you will require a fiber optic

Configuring Unidirectional Single-Fiber Communication

The unidirectional single-fiber communication function can address this issue. A single fiber means that two optical modules are

Data Center Switches

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

Huawei Fibre Switch: Invisible Game-Changer? Can Lightning-Fast ...

The Huawei Fibre Switch doesn't just move data—it defies physics. In a world where every millisecond counts, this

Optical Fiber

A fiber adapter (also called a flange) is a fiber connection component. Two fiber connectors need to be connected using a fiber

Huawei Fiber Switch: Speed Revolution? Can Lightning-Fast

Enter the Huawei fiber switch, a device engineered to turn sluggish copper-based networks into hyperspeed highways. But here's the

GPON Switch Huawei: Future of Fiber Networks?Will Optical

The GPON switch Huawei has emerged as a cornerstone for telecoms and ISPs racing to meet insatiable bandwidth demands.

What Is an All-Optical Ethernet Switch?

All-optical Ethernet switches are a type of switch that provides optical uplink and downlink ports, making them an ideal

Huawei Launches F5G-A Series Products for Five Industrial

With the all-optical cross-connect OXC technology introduced to data center networks, the switch supports flexible

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