

# Huawei Smart Selection All-Optical Switch



## Overview

The Huawei Datacom Smart Selection S5735S-L32ST4X-A1 fiber optic switch is designed for high-speed enterprise connectivity. It offers a robust solution for optical and electrical switching with 24-port Gigabit optical, 4-port 10 Gigabit optical, and 8-port Gigabit electrical. Huawei's comprehensive portfolio of products and solutions enables you to realize smooth digital transformation and rapid growth of virtualization, Big Data, and cloud services. Huawei switches already help customers achieve success in industries such as finance, Internet, retail, education. All-optical Ethernet switches are a type of switch that provides optical uplink and downlink ports, making them an ideal choice for building an all-optical campus network. They can function as core, aggregation, and access devices on campus networks and connect to upstream and downstream devices. The Huawei S5736 Switch series offers all-optical gigabit access, layered intelligence, and flexible uplink speeds—positioning it as an exceptional Campus Switch and Enterprise Switch that both meets today's needs and adapts to tomorrow's growth. These all-optical models offer pay-as-you-grow. We specialize in the sales of industrial electronic PLCs, HMIs, Motors, Drives, Converters, and more. We proudly carry top brands including Siemens, Omron, FANUC, SCHNEIDER, Mitsubishi, Yaskawa, AB, and others. Our products are designed to help your business operate more efficiently and reliably. It features 48× 10/100/1000BASE-T ports and 4× 10GE SFP+ uplink ports, providing reliable and scalable connectivity. Huawei S5720-32P-EI-AC Switch II.

## Article Content

### Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

### Intelligent OptiX Network | OptiX | All-Optical Networking

Huawei's intelligent OptiX network strategy aims to build intelligent, simplified, ultra-broadband, and ubiquitous next generation all-optical networks.

### Network Switches

Select Only the Best for Your Business Campus Switches Huawei campus switches are ideal for building future-proof campus networks with simplified management, high reliability, and service intelligence,

### Choosing the 2025 Best Huawei Switch: Efficient and

This article explores Huawei's enterprise switch portfolio, outlines key performance advantages, and helps organizations select the best model based

### Huawei S5736 Switch: All-Optical Campus & Enterprise

The Huawei S5736 Switch series offers a unique blend of all-optical gigabit access, flexible 10 GE upgrades, Layer-3 smarts, fabric virtualization, and

### Optical Modules for Huawei S Series Switches

Are Optical Modules of Huawei Switches Interchangeable with Optical Modules of Other Manufacturers? No. Huawei switches must use Huawei-certified switch optical modules.

### 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. Learn more.

### Campus Switches

CloudEngine S5332-H Series Switches CloudEngine S5332-H series switches are brand-new enhanced gigabit access switches that provide all-GE optical downlink

### All-Optical Switches for Networks | PDF | Technology

The switches support both GE and 10GE ports and provide fixed 40GE uplink ports. Key features include consistent user experience, network virtualization, security

### Huawei CloudEngine S5535-S-V2 Series Hybrid Optical-Electrical Switches ...

Huawei CloudEngine S5535-S-V2 Series Hybrid Optical-Electrical Switches Brochure  
Huawei CloudEngine S5535-S-V2 series hybrid optical-electrical switches are standard gigabit Ethernet

Huawei OPTICAL SWITCH Price

Huawei OPTICAL SWITCH price from Huawei price list 2022, Huawei router price, Huawei switch price

Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

What Is an All-Optical Ethernet Switch?

This is where Huawei's all-optical Ethernet switches come in. An all-optical Ethernet switch provides both optical uplink and downlink ports, and uses optical fibers that feature high

CloudEngine S5732-H Series Hybrid Optical-Electrical Switches

Product Overview CloudEngine S5732-H series hybrid optical-electrical switch is brand-new full-10GE switch developed by Huawei for the Wi-Fi 6 era. The CloudEngine S5732-H builds on Huawei's

huawei datacom smart selection s5735s-l32st4x-a1 (a) fiber optic

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Huawei S5731-S48P4X 48x GE PoE+ 4x 10G SFP

Huawei S5731-S48P4X CloudEngine switch with 48x GE PoE+ and 4x 10G SFP+ uplinks for campus and enterprise access. View key features and specifications now.

Huawei's Data Center All-Optical Switch Wins the Special Prize at ...

At Interop Tokyo 2025, the largest ICT exhibition in Japan, Huawei's DC-OXC Photon-Electronics Integration DCN in the AI Era (Data center all-optical switch - Huawei OptiXtrans DC808) won the

Optisch-elektrischer Hybrid-Switch

Huawei CloudEngine S5732-H Series Hybrid Optical-Electrical Switch offer 2.4 Tbit/s switching capacity and long distance access for Wi-Fi 6 APs. Learn more.

Campus Switches | Huawei Enterprise

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

### All-Optical Ethernet Switch

An all-optical Ethernet switch provides both optical uplink and downlink ports, and uses optical fibers that feature high transmission speed, large bandwidth, and strong anti-interference capability.

### How To Switch Optical-Electrical Mode On Huawei

Take the Huawei AR5710S-S8T2X router as an example to understand how to switch the optical and electrical modes of the Combo interface of the Huawei

### Optical Access

Based on PON technology, passive all-optical network access solutions enable access by any media, tailored to enterprises, ISPs, and MSOs.

### Striding Towards the Intelligent World White Paper: All-Optical Network

Towards an Intelligent World 2023—All-Optical Network 17 Matching the cloud-network strategy, build all-optical transmission capacity networks, upgrade the single-wavelength rate and optical spectrum

### 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 compared to mainstream alternatives, it revealed a critical truth: Huawei's fiber

## Contact Us

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