

Huawei 4-port fiber optic switch

Article Overview

The Huawei S5731S-L4T2S-RUA is a 4-port Gigabit fiber-ready switch ideal for compact network expansion.

Key Specifications

- o Downlink Ports: 4 x 10/100/1000BASE-T ports for connecting workstations, PCs, or office devices .
- o Uplink Ports: 2 x GE SFP ports for fiber-optic connections, plus 1 x GE port with an SC connector (TX1310 nm/RX1490 nm) for long-distance fiber backhaul .
- o Power: AC-powered with an included 12V DC adapter; local plug options are available .
- o Design: Fanless and whisper-quiet (0 dB), suitable for desk or office placement .
- o Energy Efficiency: Ultra-low power consumption, part of Huawei's green energy design .
- o Optical Module Compatibility: Supports Huawei e-SFP-GE-SX-MM850 and SFP-GE-LX-SM1310 modules for multimode or single-mode fiber connections .
- o Installation Options: Wall-mount, desk-mount, or DIN rail installation with included brackets .

Features and Benefits

- o Cost-Effective Gigabit Expansion: Provides dedicated Gigabit Ethernet ports without PoE, reducing cost for small office or remote unit deployments .
- o Dual SFP Uplinks: Enables high-bandwidth, long-distance fiber connections to central switches, supporting ring or redundant topologies .
- o Zero-Configuration Setup: Managed entirely by the central switch, eliminating the need for local IP configuration or complex CLI setup .
- o Quiet Operation: Fanless design ensures silent operation, ideal for office environments .

Fiber Connectivity Considerations

- o Use multimode fiber jumpers for multimode SFP modules and single-mode fiber jumpers for single-mode SFP modules .
- o Ensure the fiber connector type matches the SFP interface (e.g., SC connector for SFP-GE-LX-SM1310) to maintain proper connectivity .
- o Determine fiber length based on onsite cabling distance to optimize signal quality . This switch is particularly suitable for small office networks, remote units, or compact network expansions where fiber uplinks are required for high-speed connectivity, and a quiet, energy-efficient solution is preferred.

Huawei S5735-L V2 Series switches are cost-effective and energy-efficient switches with simplified

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CloudEngine S5755-H series high-quality multi-rate switches are Huawei's next-generation high-end

Featuring 48x10GE SFP+ optical interfaces with LC/PC connectors and GE/10GE auto-sensing, it delivers

S5731-L4P2S-RUA Switch is all-gigabit Ethernet switch with Forwarding performance: 9 Mpps and

Huawei campus switches are ideal for building future-proof campus networks with simplified management,

CloudEngine S5755-S series switches are next-generation Ethernet switches developed by Huawei. They provide 24/48 x GE

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

CloudEngine S5732-H Series All-Optical Switches CloudEngine S5732-H series switches are the next

Huawei S5330-HI Series Switches Product Huawei S5330-HI gigabit ethernet switches are Huawei-developed next-generation agile

Designed for flexible and simplified access networking, the S5731-L4 remote unit switches

Huawei CloudEngine S5732-H Series Hybrid Optical-Electrical Switch offer 2.4 Tbit/s switching capacity

CloudEngine S5736-S series switches are all-optical switches that feature 48 downlink optical ports and

Huawei CloudEngine S5735-L-V2 series all-optical switches build on a next-generation high-performance hardware platform and a

CloudEngine S5732-H-V2 series all-optical switches are next-generation enhanced all-optical GE/10GE hybrid switches that provide

The Huawei S5731-S48P4X is a high-performance switch from the Huawei S5700 series, designed to meet

Ethernet networking and mature IPv6 features. CloudEngine S5736-S switches can be used in various scenarios. For example, it can

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