

Huawei Switch with 16 Optical Ports



AI Overview

The Huawei S110-16LP2SR is a 16-port Gigabit Ethernet switch with 2 GE SFP optical uplink ports, supporting PoE+ and advanced network management features.

Key Specifications

- Ports:** 16 x 10/100/1000BASE-T Ethernet ports for device connectivity and 2 x GE SFP uplink ports for optical fiber connections.
- PoE Support:** Provides Power over Ethernet (PoE+) with a total budget of 124W, allowing up to 30W per port to power devices like IP cameras, VoIP phones, and wireless access points.
- Switching Capacity:** 36 Gbps with a forwarding rate of 26.78 Mpps, suitable for small to medium-sized business networks.
- Management:** Offers managed switch capabilities including VLAN configuration, QoS, port security, monitoring, and SNMP support for network management.
- Energy Efficiency:** Features Energy Efficient Ethernet (EEE) to reduce power consumption while maintaining performance.
- Security:** Advanced security protocols such as ACLs, ARP spoofing prevention, and DoS attack protection help safeguard the network.

Features and Benefits

- High-Speed Uplink:** The 2 SFP ports support 10 Gbps uplinks, ideal for connecting to core switches or high-bandwidth network segments.
- Resilient Network Design:** Built-in storm control and loop prevention protocols reduce downtime and maintain network stability.
- Scalability:** Can be integrated into larger network infrastructures, supporting future expansion without replacing the switch.
- Ease of Use:** Intuitive web interface simplifies setup and ongoing management, making it suitable for SMBs and larger organizations.

Physical Dimensions

Size: 43.6 mm x 442.0 mm x 260.0 mm (H x W x D) basic dimensions, with maximum depth 267 mm including protrusions.

Use Cases

Small and medium-sized businesses requiring reliable Gigabit connectivity with PoE support. Departments or locations needing high-speed uplinks via optical fiber. Networks requiring energy-efficient, secure, and manageable switches for critical applications. The Huawei S110-16LP2SR combines 16 Gigabit Ethernet ports with 2 optical SFP uplinks, PoE+...

Article Content

CloudEngine S6780-H Series Switches

CloudEngine S6780-H series switches are Huawei's next-generation enterprise-class core and aggregation switches that provide 64 x 100GE/32 x 25GE ports

Optical Access Architecture Reference Document: Huawei vs ZTE

switching capacity, per-slot bandwidth, PON port density, redundancy mechanisms, and environmental tolerances to establish a clear framework for strategic infrastructure investment.

Checking the Optical Module Type

For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor information in the product label and optical module information into HUAWEI. When an

Typical Troubleshooting Cases of Optical Module

(For details about the commands for querying port information, see the command reference of a specific switch model.) Use an optical power meter to measure the receive power of the port.

16-Port 10GE Optical Interface Card – Huawei EH1D2X16SSC2

By integrating sixteen high-speed 10GE optical ports, the card addresses the demand for increased bandwidth and stable network segmentation, suitable for complex network topologies and

The Ultimate Guide to Huawei MA5800 OLT Configuration:

The modern gigabit broadband era demands an optical line terminal (OLT) that transcends traditional chassis-based designs. The Huawei SmartAX MA5800 series,

Huawei 40G QSFP Switch Guide: CE6800 & CE12800 Specs

Compare Huawei CloudEngine 40G switches (CE6800, CE12800), QSFP+ module compatibility (SR4/LR4), and deployment guidance for AI-ready Ethernet fabrics.

ES5D21G16S00 (16-Port GE SFP Front Optical Interface Card)

The ES5D21G16S00 provides sixteen GE SFP optical ports for data access and line-rate switching. The ES5D21G16S00 can be installed in the front card slot of the switch models listed in Table 9-73.

Huawei 16 port switches

Huawei 16-port switches are engineered for versatility, reliability, and high performance, making them ideal for a wide range of networking environments. These compact yet powerful

Huawei S110-16LP2SR (98012197), 16 port gigabit PoE+ switch

The Huawei Managed PoE Switch S110-16LP2SR is a versatile and powerful managed switch designed for demanding network environments in small and medium-sized businesses (SMBs) and larger

Huawei S220-24T4X 24 Port Managed Switch

Buy original Huawei eKit S220-24T4X 24-Port Gigabit Web-Managed Switch in Myanmar. Features 4x 10GE SFP+ uplink ports & 128 Gbps fabric. Best price in Yangon.

Huawei CloudEngine S5732-H Series Hybrid Optical-Electrical Switches ...

Huawei CloudEngine S5732-H Series Hybrid Optical-Electrical Switches Datasheet
CloudEngine S5732-H series hybrid optical-electrical switches are brand-new 10GE access switches that provide 24-port

S3410C-16TF-P, 16-Port Gigabit Ethernet L2+ PoE+ Switch, 8 x PoE

Overview The S3410C-16TF-P is a Layer 2+ managed switch designed for small to medium-sized business environments. It features 16 Gigabit Ethernet RJ45 ports, with 8 ports supporting IEEE

10GE SFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information about each chassis, power module, fan module, card, cable, and

Pagtagumpayan ang mga Bottleneck sa Network: Manwal sa Pag

Sa larangan ng mga carrier-grade access network, ang katatagan ng Passive Optical Network (PON) port ang pundasyon ng paghahatid ng serbisyo. Kapag ang isang Huawei

Huawei Switch S110-16LP2SR, 16x10/100/1000BASE-T Ports, 2xGE

Discover the perfect balance between performance and practicality with the Huawei S110-16LP2SR, an adeptly crafted network switch designed to elevate your business connectivity without compromise.

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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

Best 48-Port Gigabit Switches with 90W PoE & Fanless Design

Compare high-performance 48-port gigabit switches supporting 90W PoE (802.3bt), Wi-Fi 7 readiness, and fanless rackmount designs. Includes verified suppliers and Cisco vs. Huawei benchmarks.

Contact Us

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