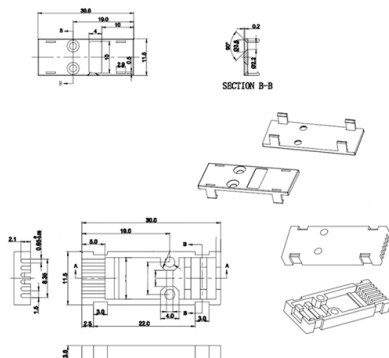


Huawei switches support 100Mbps optical ports



Overview

Huawei CloudEngine S5732-H series switches provide all-GE optical downlink ports and fixed 40 GE uplink ports for a range of campus networks. Find out more.

Key Takeaways

Yes, Huawei switches support 100Mbps optical ports using certified 100M SFP modules. 100M Optical Module SupportHuawei switches, particularly the S Series and CloudEngine S5732-H series, can support 100Mbps optical ports through certified SFP modules such as the SFP-FE-SX-MM1310 (part number: 02315233),. These modules are designed for reliable transmission and must be Huawei-certified to ensure service stability.

Non-certified modules may cause connectivity issues and are not supported by Huawei.

Hybrid and Auto-Sensing Ports

Many Huawei switches, including the CloudEngine S5732-H series, feature hybrid optical and electrical ports that support 100M/1G/2.5G/5G/10G auto-sensing. This allows a single port to automatically detect and operate at the appropriate speed depending on the connected device, whether it is a 100M access switch, Wi-Fi 6 AP, or other network terminal.

This flexibility simplifies deployment and future upgrades without requiring new cabling.

Upgrade and Compatibility

For switches with hybrid ports, the uplink optical ports can support 1G/10G/25G/40G/100G, and the bandwidth can be upgraded by replacing the optical module if higher speeds are needed in the future. This ensures that 100M optical connections are fully compatible while allowing seamless upgrades to higher speeds as network demands increase.

Certification and Reliability

Huawei emphasizes using certified optical modules for all switch models. Certified modules are labeled with "HUAWEI" and verified through commands such as display transceiver or display elabel. Using certified 100M optical modules ensures stable performance and avoids potential service disruptions.

Summary

Huawei switches do support 100Mbps optical ports with certified SFP modules. Hybrid ports on models like CloudEngine S5732-H can auto-sense speeds from 100M to 10G. Certified modules are required for reliable operation and network stability.

Future upgrades to higher speeds are possible by replacing optical modules without recabling. This makes Huawei switches suitable for mixed-speed environments, including legacy 100M devices and modern high-speed access points.

Article Content

CloudEngine S5732-H Series | Huawei Enterprise

The CloudEngine S5732-H Series Hybrid Optical-Electrical Switch is a new generation of 10 GE access switch, featuring 24 optical and 24 electrical

CloudEngine S5732-H Series Switches | Huawei

Huawei CloudEngine S5732-H series switches provide all-GE optical downlink ports and fixed 40 GE uplink ports for a range of campus networks. Find out more.

Huawei CloudEngine S5732-H Series Hybrid Optical-Electrical

It can support 1G/10G/25G/40G/100G optical uplink ports, provides one extended slot to support 8*10GE or 8*25GE subcards, meets various device interconnection requirements and can be seamlessly

CloudEngine S5732-H Series Multi-GE Switches

With the launch of the CloudEngine S5732-H series 10GE(Multi-GE capable) switches, the ports support 100M/1/2.5/5/10G auto-sensing, meeting the bandwidth requirements of high-speed wireless APs in

CloudEngine S5732-H Series Hybrid Optical-Electrical Switches

In addition to traditional Spanning Tree Protocol (STP), Rapid Spanning Tree Protocol (RSTP), and Multiple Spanning Tree Protocol (MSTP), the CloudEngine S5732-H supports Huawei-developed

Switch 24x Multi-Port QSFP28 |Huawei | Anvimur

The model is designed to provide high-density Multi-GE port, leading industry switching capacity, and packet forwarding rate. It is suitable for various device interconnection requirements and can

CloudEngine S5755-H Series High-Quality Multi-GE Switches Brochure

With the launch of the CloudEngine S5755-H series switches, the ports support 100M/1/2.5/5/10G auto-sensing, meeting the bandwidth requirements of high-speed wireless APs in the Wi-Fi 6 era.

Huawei CloudEngine S6750-H Series 100GE Switches Datasheet

CloudEngine S6750-H series 100GE switches offer 100GE port types, flexibly adapting to diversified network bandwidth requirements. They also support cloud management and implement cloud

Displaying Optical Module Information

Huawei started certification on 25GE, 40GE, and 100GE optical modules for S switch products on January 1, 2016. To determine whether optical modules delivered for Huawei S switches before

What Is an Optical Module and Its FAQs (V200)

What Is an Optical Module and Its FAQs (V200) Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types,

S5735-S48PN4XE-V2

Indicators and Buttons The S5735-S48PN4XE-V2 has similar indicators to those on the S5735-S48U4XE-V2. For details, see the S5735-S48U4XE-V2.

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

HUAWEI eKitEngine S210I Series Extended-Temperature Switches

Product Overview Huawei eKitEngine S210I series extended-temperature switches (S210I for short) are Layer 2 switches that are independently developed and controllable. The switches provide flexible

How to Choose a 100/1000 Fiber Optic Ethernet Switch

Compare industrial vs. commercial 100/1000 fiber switches by port count, SFP support, PoE++, ruggedization, and AI management—plus pricing and supplier insights for B2B buyers.

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

Industrial Fiber Optic Ethernet Switches | SFP, Single-Mode

Industrial fiber optic Ethernet switches are designed to deliver stable, long-distance, and interference-resistant network connectivity in harsh industrial environments where copper Ethernet is limited by

CloudEngine S5755-H Series High-Quality Multi-GE Switches | Huawei ...

CloudEngine S5755-H series high-quality multi-rate switches are Huawei's next-generation high-end access switches designed for the Wi-Fi 6/7 era. Featuring high-density multi-rate ports with auto

S1700, S2700, S3700, S5700, and S6700 Box Switches Products ...

S6700 Series SwitchesThe S6700 series switches have two models:S6700-24-EIS6700-48-EIredundancy fans & Power moduleS6720 Series Switches S6720-EI Series Switches

Related Video Reference

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

