

Does the S2700 switch have an optical port



AI Overview

Yes, the Huawei S2700 switch supports optical ports through combo ports and SFP interfaces. **Optical Port Details** The S2700 series switches include combo ports, which consist of both an electrical Ethernet port and an optical Ethernet port. Only one of these ports can operate at a time, and the switch can automatically select the active port based on which connection is established first. Users can also manually configure a combo port to function as either an electrical or optical port using the `combo-port` command. Additionally, certain S2700 models, such as the S2700-9TP-SI-AC, support SFP (Small Form-factor Pluggable) modules, allowing the use of 100/1000BASE-X optical transceivers for fiber connectivity. This enables the switch to connect to fiber networks for longer-distance or high-speed links. **Summary** **Combo Ports:** Each combo port can operate as either copper or optical, but not simultaneously. Optical modules can be installed to enable fiber connections. **SFP Ports:** Some S2700 models provide dedicated SFP slots for 100/1000BASE-X optical transceivers, supporting fiber links. **Configuration:** Optical ports can be automatically selected or manually configured via CLI commands. In conclusion, the Huawei S2700 series switches do support optical connectivity, either through combo ports or dedicated SFP interfaces, making them suitable for networks requiring fiber connections.

Article Content

Huawei S2700 Series Switches: Features, Models, Stacking & FAQs

Huawei S2700 switches provide various port configurations ranging from 8 to 48 ports, supporting both Fast Ethernet (FE) and Gigabit Ethernet (GE), along with optional PoE capabilities to

S2700-9TP-SI-AC

If the electrical port is connected by an Ethernet cable first, the electrical port is used for data switching. If the optical port has an optical module installed first, the optical port is used for data switching.

S2700-9TP-PWR-EI

Power Supply Configuration The S2700-9TP-PWR-EI has a built-in power module and does not support pluggable power modules. The built-in power module can provide 124 W PoE power, which ensures

Huawei S2700-EI Series Hardware Description

Figures of optical modules provided in this document are only for reference and may be different from the actually delivered optical modules. | All the optical modules described in this document have

S2700 SERIES SWITCHES PRODUCT DESCRIPTION

1 Product Characteristics The S2700 series Ethernet switches (S2700 for short) are next-generation energy-saving 100M Ethernet intelligent switches. The S2700 utilizes cutting-edge switching

S2700 SERIES SWITCHES HARDWARE DESCRIPTION

If the optical port has an optical module installed and the electrical port has an Ethernet cable connected, the optical port is used for data switching after the switch restarts.

S2700-18TP-SI-AC Datasheet

Huawei S2700-18TP-SI-AC is the entry-level access layer, layer 2 enterprise switch. It supports 16 Ethernet 10/100 ports, 2 dual-purpose 10/100/1000 or SFP, AC 110/220V.

S2700, S3700, S5700, and S6700 Series Switches Quick Start Guide

1 About This Guide Thank you for purchasing a Huawei S series switch. This guide describes how to install S2700, S3700, S5700, and S6700 series switches. It also explains how to log in to your switch

Installing an Optical Module

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

S2700-26TP-PWR-EI

The S2700-26TP-PWR-EI has similar indicators to those of S2700-52P-PWR-EI, except that the S2700-26TP-PWR-EI does not have a stack mode indicator. For details, see Indicator Description.

Huawei Enterprise S2700 Series Brochure & Specs

The S2700 series enterprise switches (S2700s) are next-generation energy-saving intelligent 100M Ethernet switches. The S2700 utilizes cutting-edge switching technologies and Huawei Versatile

S2700, S3700, S5700, and S6700 Series Switches Quick Start Guide

Quick Start Guide S2700, S3700, S5700, and S6700 Series Switches Issue: 41 (2023-05-20) Part Number: 31504991 HUAWEI TECHNOLOGIES CO., LTD. 1 About This Guide Thank

S2700-9TP-EI-AC

If the optical port, no matter in Up or Down state, has an optical module installed, the optical port is still used for data switching when the electrical port has an Ethernet cable connected.

S2700-26TP-EI-DC

If the optical port, no matter in Up or Down state, has an optical module installed, the optical port is still used for data switching when the electrical port has an Ethernet cable connected.

Hardware Information

Hardware Information For the version mappings, appearance and structure, port description, indicator description, power supply configuration, heat dissipation, specifications, power

Huawei S2700 Series Switches Product Brochure

The S2700 series enterprise switches (S2700 for short), are next-generation energy-saving intelligent 100M Ethernet switches developed by Huawei. The S2700 utilizes cutting-edge switching

S2700 Series Enterprise Switches

S2700 Series Enterprise Switches The S2700 series enterprise switches (S2700 for short), including S2710, S2720, and S2750 series, are next-generation energy-saving intelligent 100M Ethernet

S2700 Series Enterprise Switches

The S2700 offers a new application-specific integrated circuit (ASIC) switching technique and a fan-free design. This design reduces mechanical faults and protects the device against damages caused by

S2700 SERIES SWITCHES PRODUCT DESCRIPTION

On the enterprise or campus network shown in the following figure, the S2700 switches connect to terminals using 100M electrical interfaces, and to aggregation switches using GE optical or electrical

HUAWEI S2700 PRODUCT DOCUMENTATION Pdf Download

Page 9 If the optical port has an optical module installed and the electrical port has a network cable connected, the optical port is used for data switching after the switch restarts.

S2700-52P-EI-AC

On the S2700-18TP-EI-AC, S2700-26TP-EI-AC, and S2700-26TP-EI-DC, the optical port indicator of a combo port shows the port status, and the electrical port indicator of the combo port is always off.

S2700-26TP-SI-AC

On the S2700-18TP-SI-AC and S2700-26TP-SI-AC, the optical port indicator of a combo port shows the port status, and the electrical port indicator of the combo port is always off.

S2700 Series Enterprise Switches

The S2700 series enterprise switches (S2700s) are next-generation energy-saving intelligent 100M Ethernet switches. The S2700 utilizes cutting-edge switching technologies and Huawei Versatile

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