S9306 device optical module



Overview

When installing a copper cable, optical module, or optical fiber, you can determine that it has been installed properly after hearing a click.

Key Takeaways

The Huawei S9306 switch supports a range of optical modules including GE, 10GE, 40GE, and 100GE interfaces, compatible with various S9300 series service cards.

Overview

The S9306 is a high-end terabit routing switch in Huawei's S9300 series, designed for multiservice convergence, high-performance L2/L3 switching, and large-scale network deployments. It features six service card slots, two MPU slots, and supports multiple interface types through optical modules. Optical modules are installed in the service cards to provide connectivity for different network speeds and media types.

Supported Optical Modules

The S9306 supports the following optical module types: 100M Interface Card – For legacy or low-speed connections. 1GE/10GE Interface Cards – Standard Gigabit and 10 Gigabit Ethernet connections. 40GE Interface Cards – High-speed aggregation or core network links.

100GE Interface Cards – Ultra-high-speed backbone or data center interconnects. These modules are hot-swappable and designed to integrate seamlessly with Huawei S9300 series service cards. The choice of module depends on network requirements, distance, and fiber type (single-mode or multi-mode).

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Installation and Usage

Optical modules must be inserted into the corresponding service card slots in the S9306 chassis. Avoid looking directly into the optical ports to prevent eye damage. Ensure proper grounding and follow ESD precautions when handling modules.

Modules are compatible with the S9306 chassis dimensions (442 mm x 585 mm x 441. 7 mm with cable management frames) and power capabilities, including PoE support if required.

Key Considerations

Compatibility: Only use Huawei-certified optical modules to ensure performance and warranty compliance. Performance: The S9306 chassis supports a switching capacity of 3. 84 Tbps and a packet forwarding rate of 2880 Mpps, so optical modules should match the required throughput.

Environmental: Maintain proper airflow and cooling; optical modules generate minimal heat but rely on chassis fans for optimal operation. In summary, the S9306 optical modules provide flexible connectivity options ranging from 100M to 100GE, supporting high-performance enterprise and data center networks. Proper selection, installation, and handling ensure reliable network operation and full utilization of the S9306 switch capabilities.

Article Content

S9303, S9306, S9312, AND S9300E SERIES SWITCHES QUICK

When installing a copper cable, optical module, or optical fiber, you can determine that it has been installed properly after hearing a click. When removing a copper cable, optical module, or optical

LE0KS9306 Datasheet Overview

LE0KS9306 is one of the S9306 chassis, including no cards, modules or units. Table 1 shows the Quick Specs.

OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber types

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices. Checking transceiver parameters allows users to monitor real-time

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HUAWEI S9303,S9306,S9310,S9310

The HUAWEI S9300&S9300E&S9300X series switches come in the following models: S9303, S9306, S9310, S9312 and S9303E, S9306E, and S9312E. The

S9303/s9306/s9310 Le0mf48sc 48-port 100base-x Interface Card For

The S3300 can be used as an access device in a building or a convergence and access device on a campus network. The S3300 supports easy installation, automatic configuration, and plug-and-play,

S9306/9312 Switch LE0MG24SC 24-port Optical Gigabit

We can provide sales of a large number of new or used transmission equipment, servers, communication power systems, routers, base station equipment, switches, SFPs, storage devices,

Hardware Configuration Commands

When a wavelength-tunable optical module is installed on a device, the device forcibly sets the wavelength channel to the default value 1 or a value configured using the wavelength

Huawei S9300 Switch Product Brochures

The S9300 is available in three models: S9303, S9306, and S9312. All S9300 models use interchangeable modules and components for inexpensive switching capacity and port expansion. In

S9303, S9306, S9312, AND S9300E SERIES SWITCHES QUICK

S9303, S9306, S9312, and S9300E Series Switches Quick Installation Guide (Note: This quick installation guide is also the Installation Template.) Issue: 09 Part number: 31507799

Checking the Optical Module Type

Some non-certified optical modules are not designed in compliance with EMC standards and have low anti-interference capability. Additionally, they bring electromagnetic interference to nearby devices.

Huawei S9306 Switch Price&Datasheet MF-Telecom

S9306 Introduction Huawei S9300 Series Switch S9303 support 2* Switching and Routing Units (SRUs), 6* LPUs, and AC or DC power modules in 1+1 or 2+2 backup mode The S9306 chassis is 10 U high

Huawei LE0KS9306 S9306 Switch Chassis 6 Slots No

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Deploy flexible Huawei S9306 modular core with LE0KS9306 6-slot chassis, ready for scalable line cards and redundant power. Order now.

S9300 and S9300E Series Switches Hardware Description

About This Document Using the Info-Finder Version Requirements for Components Cabinets Chassis Chassis Naming Conventions S9303 S9306 S9310 S9312 S9303E S9306E S9312E Power Supply

LE1D2SRUH000-S9306/S9312 Main Control Unit H

Switching module: functions as the data plane and provides high-speed service channels for service switching. Device management and monitoring module: provides functions of a controller area

Quidway S9300 Series Terabit Routing Switch

The S9300 has three models: S9303, S9306, and S9312. Their switching capacity and port density can be expanded continuously. The three models use universal modules and components. This not only

HUAWEI S9300 HARDWARE DESCRIPTION Pdf Download

If the non-certificated optical modules are used, Huawei will not fix the problems caused by these optical modules. 9.4 FE Optical Interface Attributes This section describes the attributes of FE optical

HUAWEI S9303,S9306,S9310,S9310

HUAWEI S9303,S9306,S9310,S9310 Product description: The HUAWEI S9300&S9300E&S9300X series switches come in the following models: S9303, S9306, S9310, S9312 and S9303E, S9306E,

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