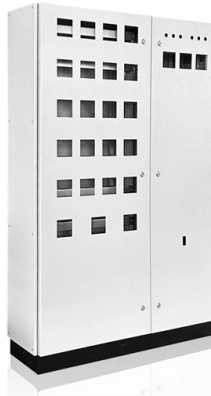


Huawei optical module SN and ESN



Article Overview

The ESN (Electronic Serial Number) of Huawei optical modules can be queried using the display esn interface command on Huawei devices.

Viewing ESN on Huawei Devices

To check the ESN of an optical transceiver on Huawei switches, routers, or security gateways, you can use the following command:

display esn interface

This command works in any view and will display the ESN along with other module details such as vendor name, product number, serial number, manufacturing date, and certification status . For example:

```
display esn interface GigabitEthernet1/0/1Interface VendorName PN SN Date  
CertifiedGE1/0/1 huawei 0231xxxx AD1342Rxxxx 2013-10-23 YES
```

- VendorName: Manufacturer of the optical module. "Huawei" indicates a custom-made module.
- PN (Product Number): Identifies the specific module model.
- SN (Serial Number): Unique identifier for the module.
- Date: Manufacturing date of the module.
- Certified: Indicates whether the module is certified by Huawei. "YES" means custom-made and certified, "NO" means not custom-made, and "NA" indicates older modules not involved in customization .

Additional Commands and Information...

Article Content

Before You Start

If Certified is YES, and VendorName is huawei in the display esn interface command output, the optical module has been certified by

Optical Interface FAQ: Transceiver Compatibility Guidelines for

Overview & Thematic Scope This FAQ addresses one of the most critical operational decisions for network engineers managing

Compatibility Finder | Compatible Optical Transceivers | OptiModule

Use the OptiModule Compatibility Finder to search Cisco, Juniper, Arista, Dell, Huawei and HPE compatible optical transceivers.

Displaying the ESN

Procedure Run display esn The ESN of the device is displayed. Run display sn [license | all | interface [interface-type interface

Optical Module

Intelligent Optical Module OSC/OTDR Module Translation Favorite Download Update Date 2026-04-01 Document

Understanding Optical Modules

This document explains optical modules, their types, and applications, providing a comprehensive understanding of their functionality

Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

Teach you to read the DDM information of the optical module on the ...

The following picture is the optical module information queried on the Huawei switch, which is marked with the

Troubleshooting Optical Module Issues

Run the display esn interface command to check whether the optical module is a Huawei-certified one. If the Certified

01-10 OPTICAL MODULES

The standards define the rate, wavelength, and transmission distance of optical modules, but not their encapsulation modes (two

Displaying the Device Serial Number

Context A device serial number includes a unique equipment serial number (ESN) of the device and a serial number (SN) of each

Displaying Hardware Information on Huawei Routers

The inventory information such as serial number, product code,optical module,device, power,voltage,temperature,fan, CPU and

Determining the Serial Numbers of S Series Switches (V200)

Determining the Serial Number of an Optical Module Method 1: Determine the Optical Module Serial Number by Using a Command

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

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,

Typical Troubleshooting Cases of Optical Module

Check whether an optical module is a bogus one. An optical module delivered by Huawei is uniquely identified by an SN. If two or

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly

display sn

You can run the display sn command to view the SNs of the device, optical module, and device components, which facilitates device

Viewing Information About the Optical Transceiver

Viewing Information About the Optical Transceiver With the display esn interface commands, you can query the ESN

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices.

Understanding Optical Modules

On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the

Warranty Period & Support Service Query | HUAWEI Support Global

Check the warranty status of your HUAWEI product. Enter the device serial number to view the warranty period and rights.

Understanding Optical Modules

10GE SFP+ Copper Modules Accessories Understanding Optical Modules What Is an Optical Module Types of Optical Modules

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

Understanding Optical Modules

Cables Pluggable Modules for Interfaces Important Notes About Using Optical Modules Certified for Huawei Routers Understanding

Huawei Optical Switch View Optical Module Commands

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as

HUAWEI equipment esn code related knowledge

The equipment serial number includes the unique serial number ESN (Equipment Serial Number) of the entire equipment and the

Displaying Hardware Information on Huawei Routers

Here are the common commands to use to display hardware-related information on Huawei Routers. The inventory information such

Displaying the Device Serial Number

Displaying the Device Serial Number Context Each device has a unique equipment serial number (ESN). When you

Contact Us

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