

Huawei optical module SN number indicates



AI Overview

The serial number (SN) on a Huawei optical module uniquely identifies the module, providing traceability for manufacturing, vendor, and certification information. Purpose of the Serial Number The SN on a Huawei optical module serves as a unique identifier that allows network administrators and Huawei support to: Track the manufacturing date and batch of the module. Identify the vendor or original manufacturer, especially for modules that are Huawei-certified versus third-party modules. Verify certification status for Huawei switches, particularly for 40GE and 100GE modules delivered after January 1, 2016. Facilitate troubleshooting and inventory management, as the SN is used alongside other module parameters like part number, wavelength, and DDM (Digital Diagnostic Monitoring) data. How to View the Serial Number On Huawei switches, the SN can be retrieved using the following commands: `display transceiver interface verbose` This command shows detailed module information including module type, operating wavelength, transmission distance, serial number, manufacturer name, and DDM diagnostic data. `display elabel` This command can display the manufactured date and certification information, which helps determine if the module is Huawei-certified. The SN is typically listed under `Manu. Serial Number` in the command output, along with other key parameters such as temperature, voltage, bias current, and optical power levels. Additional Information Encoded by the SN While the SN itself is primarily a unique identifier, it is often used in combination with other fields to provide:
Manufacturing date: Helps determine warranty and certification eligibility.
Vendor name: Indicates whether the module is Huawei-branded or from an original manufacturer.
Module type and part number: Useful for matching modules to switch capabilities and supported transmis...

Article Content

display sn

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

Determining the Serial Number of an Optical Module

BarCode indicates the serial number of the optical module. ... Run the display transceiver interface interface-type interface-number command to view information about a specified optical

How Can I View the Serial Number of an Optical Module?

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Displaying the Device Serial Number

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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 follows: ... View the general, manufacturing, alarm, and diagnostic

Checking Optical Module Information of the Interface

Procedure Run the display interface interface-type interface-number transceiver [verbose] command to check optical module information.

How To View Optical Transceiver Information On Huawei Switches

1. Transceiver identity information: model, wavelength, transmission distance, SN, manufacturer data stored in module EEPROM. 2. Real-time DDM values and alarm thresholds.

Displaying Optical Module Information

Procedure Run the display transceiver [interfaceinterface-typeinterface-number | slotslot-id] [verbose] command to view information about the optical module on a specified interface.

GPON – Basic Command OLT Huawei

Now, it's time to share about some basic Commands at OLT Huawei. Nowadays GPON Technologies have adopted to many brands Like Cisco, Alcatel Lucent / Nokia, Huawei, ZTE,

How Can I Determine Whether an Optical Module Is Officially

Serial Number indicates the optical module serial number. ... If the device runs V100R003 or a later version, you can check whether an optical module is certified for Huawei

Optical Module: Typical Optical Module Troubleshooting Procedure

Optical Module: Typical Optical Module Troubleshooting Procedure Check the model of the faulty optical module. If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module.

Huawei optical module flashing SN

Overview If possible, remove and reinstall the optical modules to check whether the fault is rectified. Query the software version of devices on the live network. Call Huawei global service hotline or

Displaying Optical Module Information

Run the display transceiver diagnosis interface [interface-type interface-number] command to view diagnostic information about a specified optical module. This command displays the digital diagnostic

Displaying Optical Module Information

When you run the display transceiver interface interface-type interface-number verbose command to view information about a specified optical module, Alarm information indicates which fault occurs on

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly identified and optical module information cannot be obtained. After

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

Introduction of Optical Modules on Huawei Switches

Introduction of Optical Modules on Huawei Switches On an optical network, a sender needs to convert electrical signals into optical signals before sending

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command `display transceiver` to view the optical module information of all optical ports, and use the command `display transceiver interface interface-type interface-number` to view the

Displaying Hardware Information on Huawei Routers

The inventory information such as serial number, product code, optical module, device, power, voltage, temperature, fan, CPU and memory are very important on operation and

Troubleshooting for Optical Modules on Huawei Switch

Check whether the optical module is Huawei-certified. If it is not certified by Huawei, replace it with a Huawei certified one. Remove and reinstall the optical module. If ...

Displaying Optical Module Information

Displaying Optical Module Information You can use the display commands to view information about the optical module on an interface, including conventional information, manufacturing information, and

Determining the Serial Numbers of S Series Switches (V200)

BarCode indicates the serial number of the optical module. ... Run the `display transceiver interface interface-type interface-number` command to view information about a specified optical module.

Contact Us

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