

Which devices use Huawei's 100G optical module



Summary of Content

Huawei's 100G QSFP28 optical modules are primarily used in high-speed switches, routers, servers, and data center network equipment for 100GbE connectivity.

Key Devices and Applications

Data Center Switches: Huawei 100G QSFP28 modules are widely deployed in spine-leaf architectures, connecting top-of-rack (ToR) switches to aggregation and core switches. They enable high-speed uplinks and cross-rack traffic aggregation, supporting 100GbE links between racks and spine switches.

Enterprise Core Networks: These modules are used in enterprise-grade core and aggregation switches to ensure fast, reliable data transfer between critical systems, supporting high-bandwidth applications and internal backbone networks.

Telecom Infrastructure: Huawei 100G modules are integrated into telecom routers and optical transport equipment to provide high-speed fiber backbone connectivity, supporting metro, long-haul, and ring network deployments.

Cloud Computing Networks: In cloud environments, these modules facilitate massive bandwidth for cloud services, connecting servers, storage systems, and network aggregation points efficiently.

Servers and Storage Networks: Some high-performance servers and storage systems with QSFP28 ports can directly use Huawei 100G modules for high-speed interconnects, particularly in storage area networks (SANs) and high-throughput computing clusters.

Technical Considerations

Article Content

Huawei QSFP-100G-eBIDI-G2 Optical Module Datasheet

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Huawei OSN010N24 100G QSFP28 LC 10km Optical Transceiver

The OSN010N24 is designed to meet these requirements by offering high signal integrity, low power consumption,

Huawei QSFP28-100G-LR4 Optical Module Datasheet

The transmitting end of an optical module converts electrical signals into optical signals, while the receiving end converts optical

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei

Huawei 02311KNU 100GBASE-LR4 10km 100G QSFP28 LR4 Transceiver Module

Huawei compatible 02311KNU QSFP28 optical transceiver modules from QSFPTEK equipped with LC duplex connectors that can

WP-100G Coherent

PacketLight's 100G product suite is designed with modularity and ease of use. Its small foot print of 1RU makes it an ideal solution for

Huawei 02311KNU 100GBASE-LR4 10km 100G QSFP28 LR4

Huawei compatible 02311KNU QSFP28 optical transceiver modules from QSFPTEK equipped with LC duplex connectors that can

Coherent 100G Solution

Huawei has also tested its 100G solutions with over 30 operators globally, breaking a number of records in the process including

100GE QSFP28 Optical Modules

10GE SFP+ Copper Modules 10GE-CWDM SFP+ Optical Modules 10GE-DWDM SFP+ Optical Modules 25GE SFP28 Optical

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

100 Gbit/s QSFP28 Optical Modules

The 100 Gbit/s QSFP28 optical modules can only be used with 100 GE interfaces. The wavelength of these 100 Gbit/s QSFP28

Contact Us

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