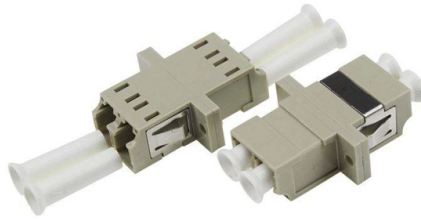


Huawei 100G Optical Module



AI Overview

Huawei offers 100G optical modules primarily in the QSFP28 form factor, including models like QSFP28-100G-LR4 for long-reach single-mode applications.

Common Huawei 100G Optical Modules

Huawei's 100G optical modules are mainly available in the QSFP28 form factor, designed for high-speed data center and enterprise network applications . Key models include:

- QSFP28-100G-LR4 (Model 02311KNU): 100GBase-LR4, single-mode, 1310nm wavelength, supports up to 10 km transmission over LC fiber, factory new and fully compatible with Huawei devices .
- QSFP28-100G-SR4: Short-reach, multi-mode module suitable for distances up to 100 meters over OM4 fiber.
- QSFP28-100G-ER4: Extended reach, single-mode module for distances up to 40 km.
- QSFP28-100G-PSM4: Parallel single-mode module for 500 meters over single-mode fiber using MPO connectors.
- QSFP28-100G-CWDM4: Coarse Wavelength Division Multiplexing module for 2 km single-mode fiber applications.

Key Features

- Form Factor: QSFP28, compatible with 100G ports on Huawei switches and routers .
- Transmission Distance: Varies by model from 100 meters (SR4) to 40 km (ER4).
- Wavelength: Typically 850 nm for SR4, 1310 nm for LR4, and 1270-1330 nm for C...

Article Content

Aug 01, 2025

Types of Optical Modules

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

May 20, 2026

100GE QSFP28 Optical Modules

Fan Modules Installing a Power Surge Protector Pluggable Modules for Ports Understanding Optical Modules Understanding Copper

Apr 29, 2026

QSFP28-100G-SR4 Module QSFP28 100G price and specs ycict

QSFP28-100G-SR4 Module is 100GBase-SR4 Optical Transceiver, QSFP28, 100G, Multi-mode (850nm, 0.1km, MPO) QSFP28-100G

Nov 26, 2025

100Gbps QSFP28 Optical Modules

This module can only be used on a device running V600R023C10 or a later version.

Sep 08, 2025

Huawei QSFP-100G-LR4 Compatible 100GBASE-LR4 QSFP28

Huawei QSFP-100G-LR4 Compatible 100GBASE-LR4 QSFP28 1310nm 10km SMF LC DOM Optical Transceiver Module Huawei

Aug 09, 2025

Huawei 100G DWDM QSFP28 PAM4 Single Wave C37 80km Module

Huawei Compatible 100G DWDM QSFP28 PAM4 C37 Optical Transceiver Module (1547.72nm LC SMF 80km DDM) 100G DWDM

May 17, 2026

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the

Apr 05, 2026

Optical Modules in Intelligent Computing Scenarios

Optical Modules in Intelligent Computing Scenarios In the AI era, Huawei provides a full range of GE to 800GE optical modules,

Jul 07, 2026

Huawei QSFP-100G-LR4 Compatible 100GBASE-LR4 QSFP28

Huawei QSFP-100G-LR4 compatible optical transceiver is a parallel 103.1Gbps Quad Small Form-factor Pluggable QSFP28 module

May 05, 2026

Huawei 02312NCX QSFP28-100G-1310nm-80km-SM

100GBASE-ZR4 QSFP28 transceiver is used to connect 100GbE switches. The 100GBASE-ZR4

Sep 25, 2025

Huawei 100G OPTICAL SFP MODULE Price

The Best Huawei Products Price List Checking Tool ICT-Router, Switch, Optical Transmission & Access Network

Dec 03, 2025

Huawei QSFP-100G-CWDM4-Lite Optical Module Datasheet

Home Huawei QSFP-100G-CWDM4-Lite Optical Module Datasheet Huawei QSFP-100G-CWDM4-Lite Optical Module Datasheet

Jul 06, 2026

QSFP-100G-CLR4 Module 100G QSFP28 price and specs ycict

This feature of the 100G QSFP28 CLR4 optical module makes it more popular in high-performance computing, high-frequency

Nov 07, 2025

Huawei 100GE Optical Modules

Buy genuine Huawei 100GE optical modules from GenuineModules with best prices and fast worldwide shipping.

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Huawei 02313HLU 100GBASE-ER4 40km 100G QSFP28 Transceiver Module

Huawei 02313HLU Compatible 100GBASE-ER4 QSFP28 Optical Transceiver Module (SMF, 1310nm, 40km, LC, DDM) Huawei

Nov 07, 2025

QSFP28-100G-BIDI Huawei Compatible 100G QSFP28 Module

We perform compatibility tests for Huawei compatible BIDI 100G SR module with latest platforms of Huawei networking equipment,

Oct 10, 2025

100Gbps CFP2 Optical Module

10Gbps SFP+ Optical Module 1.25/9.953/10.3125Gbps SFP+ Optical Module 10Gbps SFP+ CWDM Optical Module 10Gbps SFP+

Apr 30, 2026

Huawei QSFP-100G-CWDM4 Optical Module Datasheet

Home Huawei QSFP-100G-CWDM4 Optical Module Datasheet Huawei QSFP-100G-CWDM4 Optical

May 17, 2026

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters,

Apr 25, 2026

QSFP28-100G-LR4 02311KNU Huawei Compatible €172 | EDGE

The same module appears in Huawei catalogs under the product name QSFP28-100G-LR4. EdgeOptic's compatible mirrors the

Dec 05, 2025

100Gbps QSFP28 Optical Module

622Mbps eSFP Optical Module 1Gbps Electrical Module 1.25Gbps eSFP Optical Module 1.25Gbps eSFP BIDI Optical Module

Jun 08, 2026

Huawei QSFP28-100G-LR4 compatible QSFP28 100G

This QSFP28 is a transceiver module for 100Gbit/s and conforms to the QSFP28 MSA and IEEE 802.3ba

Oct 14, 2025

10GE SFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

Nov 19, 2025

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

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

Aug 06, 2025

100GE QSFP28 Optical Modules

This document provides an overall description of the CE5800& 6800& 8800& 9800 series switches hardware that V200R020C00 and

Jan 04, 2026

Optical Modules in General-Purpose Computing Scenarios

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

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