

Huawei Smart Selection 100G Optical Module



Overview

Designed for extended reach, this 100G QSFP28 module facilitates transmission over distances up to 40km, utilizing a 1310 nm wavelength, making it an ideal solution for long-distance networking applications. 02311GBW - Genuine Huawei QSFP28-100G-SR4 100GBase-SR4, Optical Transceiver, QSFP28, 100G, Multi-mode Module (850nm, 0.1km, MPO) Basic Information Transmitter Optical Characteristics Receiver Optical Characteristics This 02311GBW is 100% genuine Huawei product. It won't have any compatibility. GE to 100GE full-scenario optical interconnection solutions for general-purpose computing. Stricter performance specifications to ensure long-term stable operation of data center networks. End-to-end five-layer quality protection system, ensuring high-quality delivery of optical modules from design. The Huawei QSFP28-100G-1310-40km-SM represents a leap forward in optical module technology, offering high-speed data transmission over single-mode fiber with exceptional reliability and efficiency. Huawei's main business scope is switching, transmission, wireless and data communication telecommunication products. Genuine Huawei 100GE Optical Modules: 100GE QSFP28 Optical Modules, 100GE CFP Optical Modules, 100GE CFP2 Optical Modules.

Article Content

Jun 26, 2026

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 QSFP-100G-LR4 compatible optical transceiver is a parallel 103.1Gbps

Dec 14, 2025

Huawei Data Center Switch Optical Transceiver Portfolio

Description 100GBase-SWDM4 Optical Transceiver,QSFP+,100GE,Multi-mode Module(850,0.075km-OM3,0.1km-OM4,LC) 100GBase-CWDM4 Optical Transceiver,QSFP28,100G,Single-mode ...

Jan 26, 2026

Huawei QSFP-100G-ZR4 Optical Module Datasheet

modules gives you flexible and plug-and-play options for all types of interfaces. These compact optical transceivers offer a convenient and cost-effective solution for short reach interconnections in the data

Mar 13, 2026

100G Optical Module Selection Guide: Advantages and Types of

Explore the QSFP28 100G optical module, a vital component for high-speed network connections. Discover its unique features, advantages, and various types to meet diverse

Jul 25, 2025

100GE QSFP28 Optical Modules

100GE QSFP28 Optical Modules QSFP-100G-4WDM-40 QSFP-100G-CWDM4 QSFP-100G-CWDM4-Lite QSFP-100G-ER4 QSFP-100G-SWDM4 QSFP28-100G-1310-40km-SM QSFP28-100G-DR

Nov 20, 2025

100GE QSFP28 Optical Modules

100GE QSFP28 Optical Modules QSFP-100G-CLR4 QSFP-100G-CWDM4 QSFP-100G-ER4-Lite QSFP-100G-eSR4 QSFP28-100G-10KM QSFP28-100G-LR4 (02311KNU) QSFP28-100G-PSM4 QSFP28

Jul 23, 2025

100Gbps QSFP28 Optical Modules

100Gbps QSFP28 Optical Modules QSFP-100G-CWDM4 QSFP28-100G-LR4
QSFP28-100G-SR4 QSFP-100G-4WDM-40 QSFP-100G-CWDM4-ISP QSFP-100G-
CWDM4-Lite QSFP-100G-ER4

Oct 10, 2025

Huawei ONT Products Datasheet

Overview ONT (Optical network terminal), is a product in the XPON network access solution. Huawei EchoLife series provides intelligent routing-type Optical Network Terminals (ONT) in Huawei's FTTH

Dec 21, 2025

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 100GBASE-LR4 Standard. It internally contains

Mar 11, 2026

Huawei QSFP-100G-ZR4 Optical Module Datasheet

Datasheet Huawei offers a comprehensive series of pluggable optical modules in the Huawei portfolio. The wide variety of modules gives you flexible and plug-and-play options for all types of interfaces.

Apr 21, 2026

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

Nov 04, 2025

QSFP28-100G-10KM Module 100GBASE-LR4 PN

QSFP28-100G-10KM Module is 100G 1310nm 10km QSFP28 optical transceiver with LC connector applied for huawei series switches QSFP28-100G-10KM Module

Oct 28, 2025

Huawei 100GE Optical Modules

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

May 02, 2026

100Gbps QSFP28 Optical Modules

QSFP-100G-CWDM4 QSFP28-100G-LR4 QSFP28-100G-SR4 QSFP-100G-4WDM-40
QSFP-100G-CWDM4-ISP QSFP-100G-CWDM4-Lite QSFP-100G-ER4 QSFP-100G-SWDM4
QSFP28-100G-1310

Feb 26, 2026

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 optical modules can be 850 nm, or 1310 nm-center multiple wavelength

May 28, 2026

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei Technologies Co. and originated in Shenzhen.

Jul 17, 2025

100GE QSFP28 Optical Modules

Before installing a QSFP28-100G-BIDI optical module on a port, you need to disable the FEC function on the port. For example, if the RS-FEC function is enabled on a port that has a QSFP28-100G-BIDI

Feb 02, 2026

Overview of 100G Optical Modules and Modulation

Explores 100G Optical Modules types and modulation techniques, focusing on PAM4 and coherent optics to improve performance and bandwidth.

Oct 22, 2025

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

Datasheet Optical modules are optoelectronic devices that perform photoelectric and electro-optic conversions. The transmitting end of an optical module converts electrical signals into optical signals,

Dec 14, 2025

Huawei Optical Module Common Models

Huawei's main business scope is switching, transmission, wireless and data communication telecommunication products, providing network equipment, services and solutions in the field of

Mar 07, 2026

Huawei QSFP-100G-CWDM4 Optical Module Datasheet

Huawei QSFP-100G-CWDM4 Optical Module Datasheet Huawei offers a comprehensive series of pluggable optical modules in the Huawei portfolio. The wide variety of modules gives you flexible and

Feb 05, 2026

Huawei QSFP28-100G-1310-40km-SM 100G QSFP28 40km SM

Designed for extended reach, this 100G QSFP28 module facilitates transmission over distances up to 40km, utilizing a 1310 nm wavelength, making it an ideal solution for long-distance networking

Apr 01, 2026

Coherent 100G Solution

Huawei's 100G coherent technology has attracted many operators as it enables WDM networks, which is viewed as a most effective way to resolve bandwidth

Mar 28, 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 providing flexible plug-and-play solutions tailored to diverse interface

Jan 16, 2026

Huawei 100g module

A Huawei 100G optical module is a high-performance transceiver engineered to support next-generation networking infrastructure. These modules enable ultra-fast data transmission at 100 Gbps (and in

Contact Us

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