

Specifications and Models of Huawei Optical Modules



Overview

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. All optical modules are hot swappable. eSFP: enhanced small. 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 requirements. Together, they ensure resilient data center interconnectivity and empower. Optical modules are important devices in fiber optic communication systems. is a telecommunications network solutions provider. Huawei's main business scope is switching. On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the receiver needs to convert received optical signals into electrical signals. An optical module is a component that completes electrical/optical conversion on an optical. Huawei PON SFP modules are carrier-grade optical transceivers designed for GPON XG-PON XGS-PON & 50G-PON broadband access networks. Widely deployed by Internet Service Providers (ISPs), telecom operators, FTTH service providers, and enterprise network operators, these optical modules enable. BARCELONA, Spain, March 6, 2025 / PRNewswire / -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the StarryLink optical modules, designed to enhance network experiences with "3S" quality (Spanning, Stable, Secure).



Article Content

Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all types of interfaces.

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Huawei Enterprise provides a broad range of innovative ICT infrastructure products and solutions for vertical industry and enterprise customers worldwide.

HUAWEI Mate X7 Specifications

View full specifications of HUAWEI Mate X7 including available colours, screen, camera, battery life, storage, and more.

Types of Optical Modules

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode fibers because of modal dispersion, but their costs are also lower.

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.

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

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

LUNA2000-5/7/10/12/14/15/17/19/21-S1 Specs

Learn more about the detailed model, parameter configuration, compatibility, environment, and product description of the LUNA2000

Types of Optical Modules

Optical modules are encapsulated in different modes to provide different structures. Huawei routers support optical modules of the following encapsulation types: SFP, eSFP, SFP+, XFP, and QSFP+.

Huawei Unveils StarryLink Optical Modules That ...

At MWC Barcelona 2025, Huawei introduced the StarryLink optical modules, aimed at creating a network experience with "3S" quality (Spanning, Stable, Secure). This launch took place

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

Discover Huawei GPON and XG-PON SFP modules including Class B+, C+, C+ Pro, and D optics. Compare specifications, performance, compatibility,

Huawei Launches Open-Access SuperPoD Architecture

[Shanghai, China, September 18, 2025] Yang Chaobin, Huawei's Director of the Board and CEO of the ICT Business Group, launched Huawei's new SuperPoD

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, appearance and structure, key performance counters, common types,

Optical Access Architecture Reference Document: Huawei vs ZTE

upgrade strategies. The MA5801-FL16 model, for instance, provides 16 Flex-PON ports that can work with different optical modules to implement hybrid access of GPON, XGS-PON, and GPON Combo .

Huawei Data Center Switch Optical Transceiver Portfolio

CFP MPO24 Connector Model CFP-100G-SR10 Description High Speed Transceiver,CFP,100G,Multimode Module(850nm,10*10G,0.1km,MPO)

OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical support. If your optical modules are delivered after July 1, 2013, use

400G Optical Modules 2026 Guide: DR4 vs. FR4 vs.

400G FR4 delivers ~40% better fiber utilization in campus backbones LPO-compatible modules reduce power consumption by ~2.5W per port For 2026

Huawei Optical Modules and Cables

Buy Genuine Huawei Optical Modules and Cables from GenuineModules with best price and fast worldwide shipping.

Optical Modules for Huawei S Series Switches

You can also use the hardware query tool to query the components including optical modules supported by different switch models and the detailed specifications by part number, product model, and

Huawei Nova 12 Ultra: Specifications and Price

Huawei Nova 12 Ultra lands on the user surface as the premium model in the entire Nova lineup with boastful specifications. The smartphone

Optical Modules in Intelligent Computing Scenarios

In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long transmission), Stable (ultra-high reliability), and Secure (ultra-solid

Huawei nova 14 Price and Specs | Huawei TLR-LX9

Huawei nova 14 (Huawei TLR-LX9) Mobile Price and Specifications: AI Best Expression, 3x Optical Zoom OIS Telephoto Camera, 120Hz OLED Screen.

Types of Optical Modules

Wavelength division multiplexing modules differ from other optical modules in center wavelengths. A common optical module has a center wavelength of 850 nm, 1310 nm, or 1550 nm, whereas a

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

These modules ensure ultra-long distance transmission, ultra-high reliability, and ultra-robust security, delivering an ultimate network performance with "3S" quality."

01-10 OPTICAL MODULES

Optical modules are available in various types to meet diversified requirements. Depending on transmission rates, optical modules are classified into 100GE, 40GE, 25GE, 10GE, FE, and GE

HUAWEI MateBook X Pro Core Ultra Premium Edition

HUAWEI MateBook X Pro Ultra Premium Edition: A lightweight 980 g laptop, with a futuristic Skyline Design, flexible OLED Real Colour

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

BARCELONA, Spain, March 6, 2025 / PRNewswire / -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the StarryLink optical modules, designed to enhance network experiences

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