

Huawei High-Speed Optical Module Price



AI Overview

Huawei Ultra-High-Speed Optical Modules, ranging from GE to 800GE, typically cost several hundred to several thousand USD per module depending on speed, distance, and type. Overview of Huawei Optical Modules Huawei offers a full range of optical modules for data center and enterprise networks, including GE, 100G, 200G, 400G, and 800G modules. These modules are designed for ultra-long transmission, high reliability, and secure interconnectivity, supporting AI clusters and high-performance computing environments . Key types include: SFP/eSFP Modules: Compact, hot-swappable transceivers for 1G to 10G connections, suitable for short- and long-distance links . QSFP/QSFP28 Modules: High-bandwidth modules supporting 40G and 100G, often used in data centers and backbone networks . 400G/800G Modules: Ultra-high-speed modules for AI training clusters and large-scale data centers, providing long-distance, low-latency, and highly reliable connections . Pricing Information SFP Modules: Prices for standard Huawei SFP modules generally range from \$50 to \$300 USD depending on distance and fiber type . QSFP and 100G Modules: Typically range from \$500 to \$1,500 USD per module, depending on specifications and vendor. 400G/800G Ultra-High-Speed Modules: These modules are high-end and enterprise-grade, with prices often starting from \$3,000 USD and potentially exceeding \$10,000 USD per module for long-distance or specialized configurations . Exact pricing varies based on module type, transmission distance, fiber type (single-mode or multi-mode), and supplier. Bulk purchases or enterprise contracts may offer discounts. Purchasing Options Authorized Huawei distributors and enterprise suppliers provide genuine modules with warranty and technical support . Alibaba and other wholesale platforms list Huawei optical transceivers, but buyers should verify authenticity to ensure full compatibility and firmware support . For large-scale deployments, contacting Huawei sales directly is recommended to obtain custom q...

Article Content

Optic Module Huawei

Find high-quality optic module huawei for your networking needs. Our collection includes SFP+, QSFP28, and other optical modules for 10G and 100G applications.

Huawei QSFP-40G-iSR4 40G QSFP+ SR4 MMF 850nm 150m Optical

The Huawei QSFP-40G-iSR4 is a high-density QSFP+ optical transceiver designed for enterprise and data center aggregation. Supporting 40 Gbps over multimode fiber at 850 nm, it delivers reliable

Growth Strategies in 25G Optical Module Market: 2026-2034 Outlook

The 25G optical module market is experiencing robust growth, driven by the increasing demand for higher bandwidth in data centers and 5G network infrastructure. The market's expansion

Optical Communication IC Market 2026-2034

Optical Communication IC Market Insights Global Optical Communication IC Market size was valued at USD 6.3 billion in 2025. The market is projected to grow from USD 7.1 billion in 2026

Huawei 40G QSFP Switch Guide: CE6800 & CE12800 Specs

Compare Huawei CloudEngine 40G switches (CE6800, CE12800), QSFP+ module compatibility (SR4/LR4), and deployment guidance for AI-ready Ethernet fabrics.

Exploring Optical Communication Module Tube Shell Market

The Optical Communication Module Tube Shell finds various applications across multiple sectors. In laser technology, it is pivotal for high-speed data transmission in telecommunications,

Alcatel-Lucent (Nokia) 3HE00564CA 01 10GBASE-LR XFP Optical

The Alcatel-Lucent (Nokia) 3HE00564CA 01 is a genuine original 10GBASE-LR XFP optical transceiver, manufactured by Finisar for Nokia/Alcatel-Lucent. Designed for carrier-grade 10 Gigabit Ethernet

Optical Module Market Analysis and Forecast in 2026

AI computing power has driven explosive growth in the optical module market, with 800G and 1.6T technologies leading the industry transformation.

Why are Nvidia, Google, and Huawei all developing vertical power

Space optimization: Freeing up front space on the motherboard allows designers to integrate more memory, optical modules, and system-level functions around the processor, achieving

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Explore Huawei Transceivers at ORM Systems. Shop Huawei optical modules with global shipping, lowest prices & up to 80% off. Buy Huawei Transceivers now!

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

Understanding Optics Module Trends and Growth Dynamics

Indium phosphide (InP) remains critical for high-performance, long-reach applications due to its superior electro-optic properties, specifically in tunable lasers and modulators, which are

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

HW Compatible Transceiver Module Series

Store.QSFPTEK offers Huawei transceiver modules for wholesale. Get 100% compatible transceivers at a great discount in QSFPTEK Store now!

Huawei SFP Module Price

Find huawei sfp module price and other fiber optic transceivers at our reliable supplier. High-quality, compatible, and affordable solutions for your network.

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Fiber Optic Modem (FOM) Market Trends 2027 to 2035 Show

Emerging trends involve the integration of AI and IoT with fiber networks, along with the development of ultra-high-speed optical modules. High-growth applications include 5G infrastructure,

IdeaHub Board 2 | Education Display | Huawei Enterprise

HUAWEI IdeaHub Board 2 education display integrates teaching hardware and a software ecosystem to provide a one-stop smart classroom solution. Discover it.

400G vs 800G Optical Modules: Differences, Use Cases, and

400G and 800G modules are typically in form factors like QSFP-DD and OSFP, which can fit many high-speed lanes into one module. 400G Optical Modules 400G is already widely

Fiber Optic Transceiver at | Transceiver Module in New Delhi | ID ...

A fiber optic transceiver is a hot-pluggable hardware module that converts electrical network data into light pulses (transmit) and incoming optical signals back into electrical data (receive). It bridges

Huawei QSFP28-100G-SR4 100G QSFP28 Optical Transceiver

The Huawei QSFP28-100G-SR4 optical transceiver stands out for its reliable performance, 100G data transfer rate, compatibility with MPO connectors, and cost-effective pricing compared to similar

800G QSFP-DD Optical Module Market Revenue Forecast Driven

The 800G QSFP-DD Optical Module Market is experiencing rapid expansion driven by escalating data center demands, advancements in high-speed optical communications, and the

Global 800G Optical Transceiver Market Size, Share, Industry Trends ...

800G Optical Transceiver Market Overview 2026-2033 The 800G optical transceiver market represents a critical frontier in high-speed optical communication technology, designed to

Optical Transceiver Market Insights and Growth Report 2026

Major trends in the forecast period include high speed optical transceivers, data center network expansion, dwdm technology adoption, energy efficient optical modules, miniaturized transceiver

Contact Us

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