

QSPF optical module price



Overview

Optical module is actually a device that can convert electrical signals into optical signals, thereby speeding up data transmission efficiency. It is mainly composed of: electrical chips, optical chips and optical components. In sum. Optical module is actually a device that can convert electrical signals into optical signals, thereby speeding up data transmission efficiency. It is mainly composed of: electrical chips, optical chips and optical components. In summary, optical transceivers are efficient data transmission devices. With the rapid development of artificial intelligence. Fiber optic transceiver are divided into the following common types according to the packaging form: SFP, SFP+, SFP28, QSFP+, QSFP28 and QSFP-DD. With the development of optical fiber communication technology, optical modules have been widely used in data centers, telecommunications networks and fiber-to-the-home (FTTH) area to connect servers, stor. AOCs are great for high-speed transmission and bandwidth because they can use light to transfer data, which is much faster than copper cables. The optical fibers in AOC cable can handle large amounts of data up to over 100 Gbps without losing or damaging the signal over long distances. This high capacity for quickly transmitting large amounts of in. The direct attach copper cable is suitable for short-distance wiring in data centers, has a wide range of applications, such as high-speed data transmission between switches, routers, and servers; interconnecting data centers. The internal material of the high-speed DAC cable is copper core, which has good natural heat dissipation effect and is ener.

Article Content

What are the key considerations for selecting SFP vs QSFP Optical Modules?

In popularizing optical modules, SFP and QSFP are often confused. They are actually packaging interface standards from different eras, with the core differences being size, number of

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP

Deploy software configurable line rates and modulation schemes for long-reach amplified DWDM systems or dark fiber systems. Support line rates up to 400 Gbps over a single-fiber bidirectional

How to Reduce Optical Module Costs | SFP & QSFP Cost

However, when it comes to optical transceivers, cutting costs blindly can lead to compatibility issues, link failures, and unexpected downtime. So the real question is:

□□ How can you

Top Optical Modules for POTN Deployment: SFP, QSFP, and OSFP

Modern optical transport networks are the nervous system of digital infrastructure. As data demand continues to multiply, choosing the right optical module becomes a crucial decision in

SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD,

QSFP-DD Quad Small Form Factor Pluggable Double Density (QSFP-DD) is also known as QSFP56-DD. The QSFP-DD transceiver is a new

High-Performance Networking: A Deep Dive into the Cisco QSFP-40G

The QSFP-40G-LR4-S belongs to Cisco's S-Class line. By removing niche features such as OTU (Optical Transport Unit) support—which is primarily used by service providers—the S-Class

Cisco Sfp 10g Sr S 10gbase Sr Sfp+ Optical Transceiver Module

Cisco SFP-10G-SR-S is a 10GBASE-SR SFP+ optical transceiver module designed for short-range 10 Gigabit Ethernet connectivity over multimode fiber in enterprise and data center environments.

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

Cisco Sfp 10g Lr S 10gbase Lr Sfp+ Fiber Transceiver Module

Cisco SFP-10G-LR-S is a 10GBASE-LR SFP+ transceiver module designed for long-distance 10 Gigabit Ethernet connectivity over single-mode fiber networks up to 10 km. It supports enterprise and data

Learn how to choose the right SFP module for your network. Avoid ...

Learn how to choose the right SFP module for your network and avoid common compatibility mistakes. This practical guide explains SR vs LR, singlemode vs multimode,

100G QSFP28 Module Cost: Pricing Guide & Factors

Discover 100G QSFP28 module pricing. Learn key cost factors, considerations, and real examples to make informed purchasing decisions for

Genuine Finisar QSFP+, QSFP28 and QSFP56 Optical

Buy Genuine Finisar QSFP+, QSFP28 and QSFP56 Optical Transceiver Modules from GenuineModules with best price and fast worldwide shipping.

Differences Between Optical Modules SFP, SFP+, CFP, XFP, QSFP

At present, 40G optical module and 100G optical module price is too high, power consumption is too large, and 10G optical module rate can not meet the network demand, so 25G

400G OSFP/QSFP112/QSFP-DD | Transceiver Modules

The 400G transceiver modules are ideal choice for AI data centers, enterprise networks and service provider networks. Click to get your 400G transceiver

Buy Cisco 40G Optical Modules | Price, Stock & Compatibility

Shop Cisco 40G optical modules for QSFP+, BiDi, CFP, and 40G uplink deployments. Check compatibility, stock, and request pricing for your project.

1.25G 1310nm 40Km CWDM SFP Optical Transceiver Module Single

1.25G 1310nm 40Km CWDM SFP Optical Transceiver 1.25G Single Mode Product Description GEZHI compatible 1.25Gpbs CWDM SFP transceiver supports up to 40km, 80km, 120km or 160km link

All About QSFP Cables, Connectors, and More

QSFP+ can replace 4 SFP+ transceivers, which allows for greater port density and an overall system cost saving. QSFP28 is a QSFP module that is

SFP+ Optical Transceiver Modules (10G-SR/LR)

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR)

100GBASE QSFP-100G Modules Data Sheet

QSFP-100G Optical modules Features and benefits of Cisco QSFP modules Hot-swappable input/output device that plugs into a 100G Gigabit

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026

Compare SFP, SFP+, SFP28, QSFP+ and QSFP28 in this 2026 selection guide. Learn where each form factor fits, decision rules, cost and risk

QSFP-DD Transceiver Guide 2026: Complete 400G/800G Deployment

Master QSFP-DD transceiver deployment for 400G/800G networks. Compare module types (SR8/DR4/FR4/LR4), cable options, pricing, and implementation best practices.

SFP Module Prices Comparison by Top 5 SFP

This post offers quick access to the SFP module price list by researching top vendors. SFP modules have been in large demand in data

Optical Transceivers | Network Solutions for AI Cluster,

Empower AI data centers, HPC clusters with QSPTEK transceivers, switches, cabling. Trusted by 3000+ business users. Get tailored, reliable and cost-effective

Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of 11.5%.

QSPTEK Online Store for Optical Transceivers

The official store for QSPTEK. We provide compatible optical modules with online shopping function.

40G QSFP+ Transceivers — Transceiver USA

Coherent Finisar QSFP+ optical transceiver modules are used in enterprise and datacenter networks. View price, stock and buy direct from Transceiver USA.

Contact Us

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