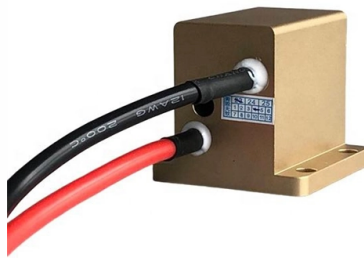


Price List for QSFP-DDSD-WAN Equipment for Data Center Interconnection



AI Overview

QSFP-DD transceiver prices vary widely, from around \$1,400 for short-reach 400G modules to over \$130,000 for long-haul coherent ZR+ modules, depending on type, reach, and vendor.

Price Ranges by Module Type

- Short-Reach (SR8) 400G Modules:** Ideal for in-rack or cross-row connections, priced between \$1,400 and \$1,800 from reputable third-party vendors.
- Medium-Reach (DR4/FR4) Modules:** Used for inter-row or campus links, prices are competitive due to third-party market pressure, generally \$2,000–\$5,000 depending on vendor and volume.
- Long-Reach (LR4) Modules:** Suitable for DCI over tens of kilometers, OEM prices can exceed \$10,000, while third-party alternatives may offer significant savings.
- Coherent ZR/ZR+ Modules:** Designed for metro or regional DCI, 400G–800G coherent optics can range from \$30,000 to \$130,000+, depending on reach (up to 120 km for 800ZR, over 1000 km for 800G ZR+) and vendor.

Vendor Options

- Cisco:** Offers QSFP-DD and OSFP 800G ZR/ZR+ coherent optics, compliant with QSFP-DD MSA, suitable for single-span DCI or extended DWDM networks.
- Third-Party Vendors (e.g., QSFPTEK, FS):** Provide compatible 400G–800G modules at 50–90% lower cost than OEMs, with quality assurance and testing for interoperability.

Additional Considerations

- Transmission Distance:** Longer distances and coherent optics significantly increase cost.
- Volume Discounts:** Bulk purchases from third-party vendors can reduce per-unit cost.
- Total Cost of Ownership (TCO):** Consider module lifespan, power consumption, and maintenance when budgeting for DCI deployments.

For procurement, short-reach SR8 modules are the most cost-effective for in-data-center links, while coherent ZR/ZR+ modules dominate the budget for long-haul DCI. Third-party vendors offer substantial savings without compromising compatibility, making them a viable alter...

Article Content

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Hyperscale data centers: Used by large cloud platforms like Google and Meta for AI training clusters and backbone networks. AI/HPC connectivity:

QSFP-DD — Multilane

QSFP-DD Host board with high-speed lanes looped back from TX to RX. Comes with Windows GUI. Supports 8x50 Gbps electrical interface. Thermal load with programmable power dissipation up to

Cisco 400G QSFP-DD Cable and Transceiver Modules

The Cisco 400GBASE Quad Small Form-Factor Pluggable Double Density (QSFP-DD) portfolio offers customers a wide variety of super high

400G QSFP-DD Price

400G QSFP-DD Transceiver, 400GBASE-LR8, Duplex LC, 10km Duplex. 400G QSFP-DD Transceiver, 400G-FR4, Duplex LC, 2km Duplex SMF. 400G QSFP-DD Transceiver, 400GBASE

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OEM pricing can multiply those numbers several times depending on SKU, support contract, and discount level. On a cost-per-gigabit basis, QSFP56 remains one of the most

QSFP-DD Connector System

QSFP-DD Interconnect System's 8-lane electrical interface transmits 28G NRZ, 56G PAM-4 and 112G PAM-4, up to 200, 400 or 800 Gbps aggregate. Backwards compatible with QSFP.

Cross Connects and Interconnection Services in Data

Cross connects and interconnection services enable a customer's full use of a data center colocation environment through physical cables.

How to Choose DWDM Equipment for Building Data Center

Active systems are ideal for high-load, long-distance data center interconnects, including cross-border and metro links. They are especially relevant for private clouds, synchronous database

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Optical Data Center Interconnect | Nokia Deliver scalable optical data center interconnect and data center connectivity to meet growing AI demands with performance, efficiency, and security. How to

Cisco Compatible Transceivers | SFP, SFP+, QSFP28, QSFP-DD

400+ Cisco compatible transceivers: SFP, SFP+, QSFP28, QSFP-DD & DAC cables. From €5.14. 100% tested, coded for Cisco. 5-year warranty, fast shipping

Interconnection Between OSFP and QSFP-DD Ports for 400G/800G Data Centers

This article outlines key OSFP and QSFP-DD differences and offers four practical interconnection solutions to support scalable 400G/800G data center networks.

QSFP-DD-Preisliste 2026: Kosten

Preisübersicht für QSFP-DD mit Kosten für 400G/800G-Module, Vergleich von OEM- und Drittanbieterprodukten, Mengenrabatten und einer 3-Jahres-TCO-Analyse für Käufer von

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

High Speed 400G Pluggable I/O Solutions TE Connectivity's (TE) QSFP-DD (quad small form-factor pluggable double density) doubles the density of QSFP interconnects with an eight-lane electrical

The Ultimate Guide to QSFP Cables: What You.

SFP vs. SFP+ vs. QSFP Key Differences Choosing the right high-speed interconnect is a critical step in any data center or telecom deployment.

OSFP Transceivers vs QSFP-DD: Which Is Better for Your 400G Data Center ...

Choose OSFP for hyper-scale data centers, AI/ML networks, or HPC clusters Opt for QSFP-DD in enterprise deployments, cloud edge data centers, or when upgrading legacy QSFP

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

Transceiver Modules for Data Center Interconnect (DCI) □NADDOD

NADDOD's Data Center Interconnect (DCI) optical transceivers are designed to connect distributed data centers with high bandwidth, ultra-low latency, and long-distance transmission. Covering 100G,

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

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