

Price list for QSFP-DD access switches for data center interconnection



AI Overview

QSFP-DD aggregation switches for DCI range from \$1,400 per 400G module for short-reach optics to over \$130,000 for long-haul coherent ZR+ modules, with high-density 64-port 400G switches priced in the tens of thousands depending on vendor and configuration.

QSFP-DD Module Pricing

Short-Reach (SR8) Modules: Ideal for in-rack or cross-row connections, priced between \$1,400 and \$1,800 from reputable third-party vendors, making them the most cost-effective option for 400G adoption.

Medium-Reach (DR4/FR4) Modules: Used for inter-row or campus links, prices are competitive due to third-party availability, generally \$3,000–\$6,000 depending on vendor and volume.

Long-Reach (LR4, ZR, ZR+) Modules: Required for DCI over longer distances, OEM LR4 modules can exceed \$10,000, while coherent ZR+ modules for ultra-long-haul DCI can reach \$130,000, though third-party alternatives can offer significant savings.

High-Density Aggregation Switches

NADDOD N9200-64DC: A 64-port 400G QSFP-DD switch with 25.6 Tbps throughput, suitable for AI, HPC, and large-scale DCI deployments. Supports spine-leaf full-mesh architecture, redundant power/fan modules, and low-latency, high-bandwidth transmission. Pricing is vendor-dependent but typically tens of thousands of dollars per unit.

HPE Networking Comware 5965: High-performance 64-port 400G QSFP-DD switch with 25.6 Tbps switching capacity, sub-microsecond latency, and advanced features like VXLAN, EVPN, RoCEv2, and microsegmentation. Pricing is indicative and set by resellers, generally in the high tens of thousands USD range, excluding taxes and shipping.

Considerations for Procurement

OEM vs Third-Party Modules: Third-party modules can reduce costs dramatically, especially for long-haul DCI optics, without compromising performance for most deployments.

Volume Discounts: Many vendors offer tiered pricing for bulk...

Article Content

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.

QSFP-DD Switch: High-Speed 400G Data Center Solution

Selecting QSFP-DD switches requires evaluating technical specifications against operational requirements. Port density and speed are paramount – options range from 32 to 64 ports of 400GbE

QSFP-DD Optical Transceivers for High-Speed

Cisco's comprehensive portfolio of QSFP-DD modules support 400G and 800G data rates across copper, multimode fiber, and single-mode fiber, and

HPE Networking Comware Data Center Switch 48p QSFP28 100G 6p

The switch series uses multiple access methods including SNMPv1/v2c/v3, Telnet, SSH 2.0, SSL, and FTP to monitor essential network functions; and supports events, alarm, history, and statistics group

HPE Networking Comware Data Center Switch 24-port 100/200G

Buy HPE Networking Comware 5960 24 Port 100/200G QSFP56 +8 Port 400G QSFP-DD Data Center Switch from HPE store. Explore price, features and specifications.

10/25/40/100/200/400GbE Data Center Switches

Best price of high performance data center switches mainly for large enterprises and cloud providers. Buy now!

Cisco 400G QSFP-DD Cable and Transceiver Modules

The Cisco® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower

The Ultimate Guide to QSFP Cable: Everything You Need to Know

Data Centers – Where there is demand for high-bandwidth connections between servers, switches, and storage systems; Telecommunications – Backbone infrastructure needs efficient ways

400G Data Center Switches

The Edgecore DCS240 is a high-performance spine switch for data centers, offering line-rate L2 and L3 switching across 32 QSFP56-DD ports. Supports 100/400 GbE spine interconnects and ONIE for

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.

Exhibitor List

As a leading provider of high-performance optical transceivers, we're dedicated to delivering seamless solutions for telecommunications, data centers, and enterprise networks. Our commitment to

QSFP-DD Compatible Switches: Complete 2025

Find which switches support QSFP-DD modules. Our 2025 guide covers Cisco, Arista, Juniper and NVIDIA platforms with backward compatibility tips.

Specification – QSFP-DD

August 7, 2020 – QSFP-DD Hardware Specification for QSFP DOUBLE DENSITY 8X PLUGGABLE TRANSCEIVER – Rev 5.1 July 11, 2019 – QSFP-DD Hardware Specification for QSFP

800G Digital Coherent Optics DCO Transceiver Market 2026-2034

Additional players including Ciena, Fujitsu, Nokia, Huawei, and Inphi enrich the market with differentiated form-factors and region-specific designs, ensuring a vibrant supply chain that supports

64-port 400G QSFP-DD 25.6T Ethernet 2U Switch for

The Broadcom BCM56990 enables the next generation of high-throughput, low-latency hyperscale networks with up to 64 ports of 400GbE switching and

QSFP-DD Optical Transceivers for High-Speed Connections

Product overview The ongoing explosion of data traffic is driving the need for faster processing, greater bandwidth, and higher density connections within and between data centers. Network operators are

QSFP-DD Hardware

August 7, 2020 Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double

Marvell Technology, Inc. | Essential technology, done right

Marvell designs custom silicon tailored for any application and offers the industry's most comprehensive portfolio of interconnects and network switch products.

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.

QFX Series Switches

QFX Series Switches deliver industry-leading throughput and scalability, an extensive routing stack, the open programmability of the Junos OS, and a broad

MikroTik CRS812 — Grokipedia

The MikroTik CRS812-8DS-2DQ-2DDQ-RM, commonly referred to as the CRS812 DDQ, is priced at a list price of \$1,295, making it a significantly more affordable option compared to equivalent high

10/25/40/100GbE Data Center Switches

S7600-24Y4C, 24-Port Ethernet L3+ Switch, 24x 25G SFP28, with 4x 100G QSFP28 Uplinks, Support MLAG, VXLAN 25G / 100G / 100G / MLAG 96 in real-time stock, 08Jul, 2026 US\$ 4,140.65 US\$

400G DCO Transceiver Market: \$15.44B by 2025, 11.1% CAGR

The 400G DCO Transceiver market reaches \$15.44 billion by 2025, driven by surging Cloud Services and Data Center Interconnection demands. Analyze growth factors.

Contact Us

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