

Quote for a QSFP fiber optic Ethernet switch

Article Overview

QSFP fiber optic Ethernet switches range from approximately \$1,400 to \$130,000 depending on module type, port density, and reach requirements.

Product Options and Specifications

o QSFPTEK S7300-48X2Q4C

o Ports: 48x10G SFP+, 2x40G QSFP+, 4x100G QSFP28 uplinks

o Features: L3 switching, IPv6, VPN, security, flow analysis, virtualization, stacking up to 8 devices, dual hot-swappable power supplies, intelligent fan control

o Use Case: High-performance enterprise networks, HPC, aggregation/core layers

o Notes: Supports 10G access and 40G/100G uplinks for flexible deployment

o Hosecom SZ6348-ADCB

o Ports: 48x2.5G Base-T, 4x10G SFP+, 2x40G QSFP uplinks

o Features: High-density connectivity, energy-efficient, advanced QoS, elastic stacking, enterprise-grade security

o Use Case: Enterprise networks and data centers requiring 2.5G/10G/40G connectivity

o Smartoptics QSFP+ Transceivers

o Options: Short-range multimode (up to 150m), long-range single-mode (up to 10km), DWDM for extended reach

o Compatibility: Works with major switch vendors, supports breakout to 10G links

o Notes: QSFP+ breakout allows four independent 10G links per 40G port, optimizing fiber usage

Pricing Overview

o 400G QSFP-DD Modules:

o Short-reach SR8 modules: \$1,400-\$1,800 from third-party vendors

o Long-haul coherent ZR+ modules: up to \$130,000 from OEMs

o Pricing depends on module type, transmission distance, and vendor

o 40G QSFP+ Modules:

o Short-range multimode: typically under \$1,000

o Long-range single-mode: can range \$1,000-\$3,000 depending on distance and vendor

Recommendations

Quote for a QSFP fiber optic Ethernet switch

- o For in-rack or cross-row data center connections, a 48-port 10G SFP+ switch with 2x40G QSFP+ uplinks is cost-effective and scalable.
- o For long-distance or high-bandwidth aggregation, consider 100G QSFP28 uplinks or DWDM-capable QSFP+ modules.
- o Evaluate OEM vs third-party modules to balance cost and reliability; third-party modules often provide significant savings for short-reach applications . For an exact quote, it is recommended to contact vendors directly with your required port configuration, uplink speed, and reach, as pricing varies widely based on these specifications.

? Best practice: ensure end-to-end compatibility - switches, NICs, optics, and cabling must align. Vendors like network

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year

Buy fiber network switches to extend ethernet network over fiber. Order Versitron high speed fiber optic

The QSFP28 transceiver supports Ethernet, Fiber Channel, InfiniBand, and many other communication standards, but

Discover fiber switches designed for reliable network connectivity. Browse 10G, 2.5G, and gigabit options to expand your bandwidth.

Discover the world of SFP, SFP+, and QSFP transceiver modules and find out which one fits your networking

What Drives QSFP56 Price QSFP56 modules all deliver 200G-class bandwidth, but the bill of materials changes

Shop SFP, SFP+, SFP28 and QSFP transceivers plus Ethernet-to-fiber media converters. Browse 10G/25G/40G/100G options by

1PCS 40G QSFP Fiber Transceiver Module SR4/LR4/ER4 850nm Multimode 1310nm Singlemode MPO for Ethernet Switch (150M)

S7600-48TE4Y2Q, 48-Port Ethernet L3+ Multi-Gigabit Switch, 48x 100M/1000M/2.5GBASE-T RJ45 Ports, with 4x 25G SFP28 and

Managed and unmanaged Layer 2 and Layer 3 fiber optic Ethernet switches. With 10G SFP+ fiber optic

Quote for a QSFP fiber optic Ethernet switch

transceiver modules, they

10G Optical Fiber Switch with 2x 40GE and 4x 100GE Uplinks for a Variety of Client Types 10G SFP+ ports for access switches,

This category offers switches of various designs with a maximum data rate of up to 100G. The fiber optic

FS 100G Switches offer high programmability and scalability, designed for large enterprises and hyper-converged infrastructure (HCI)

Advantages of QSFP Optics in High-Performance Computing How to Choose the Right Cisco QSFP Optical

David stared at the quote on his screen. The total cost for the optical transceivers amounted to eight million dollars.

Web: <https://bssoda.pl>

