Nepal Cost QSFP Optical Module SFP



Overview

SFP and QSFP Prices in Nepal | D-TECH TRADINGWhy Are SFP and QSFP Prices Different?

Many customers ask why the prices of SFP and QSFP modules are different.

Key Takeaways

SFP and QSFP optical modules in Nepal range from affordable 1G SFPs around NPR 2,000–3,500 to high-performance 100G QSFP modules costing NPR 50,000–80,000, depending on type, quality, and supplier.

Price Overview1

G SF

P Modules: Basic 1. 25G SFP modules, including BiDi and CWDM types, are available in Nepal for approximately NPR 2,000–3,500 per unit, suitable for short to medium-range fiber connections (up to 40 km) and compliant with SFP MSA standards. 10G SFP+ Modules: QSFPTEK 10G SFP+ modules, supporting multimode or single-mode fiber, are priced around NPR 8,000–15,000 depending on distance and compatibility.

These modules support data rates from 1Gbps up to 10Gbps and are widely used in data centers and ISP backbones. 25G SFP28 Modules: High-speed 25G SFP28 modules are generally more expensive, ranging from NPR 20,000–35,000, with price variations based on manufacturer and quality. 40G QSFP+ Modules: QSFP+ modules for 40G networks are priced around NPR 30,000–50,000, suitable for aggregation layers and backbone links.

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100G QSFP28 Modules: High-performance 100G QSFP28 modules, including dual LC 1310nm and BiDi variants, cost approximately NPR 50,000–80,000, ideal for data center interconnections and ISP backbone upgrades.

Factors Affecting Price

Quality and Reliability: High-quality modules with tested chipsets, lasers, and materials are more expensive but reduce downtime and maintenance issues. Compatibility: Modules compatible with multiple vendors (Cisco, Juniper, Ubiquiti, Fortinet, etc.) may cost more due to broader interoperability. Distance and Data Rate: Longer transmission distances and higher data rates increase module cost.

For example, 40 km single-mode SFPs are pricier than short-range multimode SFPs. Supplier and Warranty: Reputable suppliers like D-TECH Trading provide technical support and verified quality, which can justify higher prices. Recommended Suppliers in NepalD-TECH Trading: Offers a wide range of SFP and QSFP modules with ready stock, technical support, and after-sales service for ISPs, data centers, and enterprise networks.

QSFPTE

K: Provides cost-effective, factory-tested optical modules with discounts for bulk orders, suitable for SMBs and data centers. Ubuy Nepal: Offers online access to 10G SFP modules with compatibility for multiple devices, convenient for smaller-scale deployments.

Buying Tips

Verify module compatibility with your switches or network cards. Consider long-term reliability over the lowest price, especially for critical infrastructure. For bulk purchases, inquire about discounts or customized pricing from suppliers.

Check if the module supports DDM/DOM for monitoring optical performance. By considering these factors, you can select the right SFP or QSFP module in Nepal that balances cost, performance, and reliability.

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Article Content

SFP and QSFP Prices in Nepal | D-TECH TRADING

Why Are SFP and QSFP Prices Different? Many customers ask why the prices of SFP and QSFP modules are different even when the speed looks similar. The reason is simple — quality,

D-TECH – Nepal''s Trusted Supplier for SFP & QSFP Modules

D-TECH Trading is highly recommended for all types of SFP and QSFP modules in the Nepal market. With ready stock, strong technical knowledge, and reliable after-sales support, D

SFP 100G SR4 850nm QSFP28+

The module operates on a single +3.3V power supply. LVCMOS/LVTTL global control signals, such as Module Present, Reset, Interrupt, and Low Power Mode, are available with the modules.

SFP 100G BIDI QSFP28

Vcc Rx, Vcc1 and Vcc Tx may be internally connected within the QSFP28 transceiver module in any combination. The connector pins are each rated for a

Wholesale Fiber Optic SFP 1G to 100G In Nepal

DESCRIPTIONS: The SFP-BIDI transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps/1.0625Gbps and 40KM

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SFP 100G SR4 850nm 100Mtr QSFP28+ in nepal

QSFP-100G-SR4-S Compatible QSFP28 100GBASE-SR4 850nm 100m DOM MPO-12/UPC MMF Optical Transceiver Module Support 4 x 25G-SR.

D-TECH – Nepal''s Trusted Supplier for SFP & QSFP Modules

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In Nepal''s growing fiber optic and data center industry, choosing the right optical transceiver is critical for stable and high-performance networking. D-TECH Trading is highly

8G SFP LR 1310nm 10km Optical Transceiver Module

SFP+ Module-8G Fiber Channel WW-8GbE Single Mode (SMF) Fiber Optic Transceiver-8GE Gigiabit Ethernet 10km-1310nm-DDM HPE online in Nepal on Giga Nepal.

Wholesale Fiber Optic SFP 1G to 100G In Nepal

Wholesalers & Direct Importers of Fiber Optic SFP of Various Types: 1.25 G SFP Module, 1.25G Bisdi SFP, 1.25G CWDM SFP, 1.25G DWDM SFP,155m SFP,2.5G SFP,4G SFP in Nepal. We provide

SFP SFP+ QSFP Modules: Speed, Distance & Network

Compare SFP, SFP+ and QSFP modules by speed, distance, density and use-case to choose the best transceiver for your fibre network setup.

10GBASE-SR SFP+ Optical Transceiver Module Nepal | Ubuy

Shop 10GBASE-SR SFP+ Optical Transceiver Module Compatible with Ubiquiti Unifi UF-MM-10G 10Gbps 850nm 300m DDM Duplex LC MMF 4 Pack online at a best price in Nepal. B09NDP1M3F

40G QSFP+ Transceiver Modules | Optical

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing

The Big Differences Between SFP, SFP+, SFP28,

Delve deep into the world of optical modules. From SFP to the latest QSFP-DD, explore their differences, applications, and what to consider for your

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SFP Module Prices Comparison by Top 5 SFP Manufacturers 2023

This post hence illustrates the SFP module price comparison by researching top competitors'' SFP price of our brand. The author hopes it can help customers to get quick access

QSFP vs SFP: Which Optical Transceiver Should You Choose in 2025?

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As modern enterprise networks scale up to handle increasing data loads and higher bandwidth requirements, the choice of optical transceivers becomes critical. Among the most

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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