

Nepal Optical Router SFP



AI Overview

Nepal offers a wide range of SFP modules for core routers, supporting 1G to 100G speeds, multiple transmission distances, and compatibility with major networking brands.

Types and Specifications

- 1G SFP Modules:** Support data rates up to 1.25 Gbps, with transmission distances ranging from 10 km to 80 km. Variants include BiDi, CWDM, and DWDM SFPs suitable for long-distance single-mode fiber connections.
- 10G SFP+ Modules:** Designed for higher bandwidth needs, supporting speeds up to 10 Gbps with distances from 10 km to 80 km, ideal for enterprise networks and data centers.
- 40G QSFP+ and 100G QSFP28 Modules:** High-performance modules for large-scale data centers and cloud computing, offering ultra-fast data transfer and long-distance connectivity.
- Specialized Modules:** 8G SFP LR 1310nm modules for fiber channel and gigabit Ethernet applications, supporting up to 10 km transmission.

Brand Compatibility

SFP modules in Nepal are available for all major networking brands, including Cisco, Juniper, Huawei, Nokia, and Extreme Networks. These modules are tested for full compatibility and stable performance with core routers and other networking equipment.

Quality and Pricing Considerations

High-quality modules ensure stable communication, reduce downtime, and are critical for ISP, telecom, and enterprise environments. Low-cost modules may work for basic applications but can cause network instability in high-demand environments.

Suppliers

Suppliers like D-TECH Trading, Eman Communications, FirstAid Nepal, and Giga Nepal provide certified, tested, and reliable SFP modules with support for bulk orders and technical assistance.

Where to Buy

- D-TECH Trading:** Offers a wide range of SFP and QSFP modules with detailed guidance on quality and compatibility.
- Eman Communications:** Provides 1G to 100G SFP modules with various distance options and expert support.
- FirstAid Nepal:** Supplies 1.25G SFP, BiDi, CWDM, DWDM, and other optical transceivers at competitive prices.
- Giga Nepal:** Specializes in high-performa...

Article Content

8G SFP LR 1310nm 10km Optical Transceiver Module

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

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SFP Optical Module,10KM Transmission Distance 10Gbps Nepal | Ubuy

Shop SFP Optical Module,10KM Transmission Distance 10Gbps Rate, Ring Unlocked, Hot Swappable for Fiber Optic Switch Router NIC Server Firewall and Other Open Switches online at a best price in

Fiber Optic SFP 1G to 100G In Nepal

Our team is now well-versed in all types of Optical Fiber SFP modules, ranging from 1.25G with variants including 20km, 40km, 60km, and 80km. Similarly, they are familiar with SFP modules for 10G, 40G,

SFP 1.25G 80 KM LC in nepal | D-TECH TRADING

SFP 1.25G BiDi 1550Tx/1490Rx LC Optical Transceiver The SFP 1.25G BiDi 80KM optical transceiver is a high-performance and cost-effective solution designed for Router Price in Nepal 2026 | TP-Link, Netis, Rujie,

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SFP Transceiver Archives

Optical SFP Module HK-SFP-1.25G-20-1310 Optical SFP Module HK-SFP-1.25G-20-1550 U-Fiber SFP+ Module (UF-MM-10G)

SFP and QSFP Prices in Nepal | D-TECH TRADING

Many customers ask why the prices of SFP and QSFP modules are different even when the speed looks similar. The reason is simple — quality, chipset, laser performance, compatibility,

ZTE SFP-10GE-S10K Compatible 10GBASE-LR SMF 1310nm 10km

This transceiver is programmed to be compatible with a wide range of ZTE network equipment such as 10 Gigabit Ethernet (10 GbE) Switches, Routers, Network Interface Cards (NICs) and Media

Optical Transceiver, SFP, 10G, DWDM, 80KM, LC in nepal

The SFP+ 10G DWDM 80KM DDM optical transceiver is designed for high-speed 10G transmission over single-mode fiber with support for DWDM applications. It

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

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

Wholesale Fiber Optic SFP 1G to 100G In Nepal

Wholesalers & Direct Importers of Fiber Optic SFP of Various Types: 1.25 G SFP

10G SFP+

The 10G SFP+ series optical transceiver support 8.5~11.3Gb/s transmission rate, 220m to 120km a variety of transmission distance, the series of optical tra...

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.

SFP-SFP Module Transceiver Optical Fiber

Buy Affordable & Latest SFP-SFP Module Transceiver in Nepal online Nepal.

SFP and QSFP Prices in Nepal | D-TECH TRADING

Better Quality vs Cheaper SFP & QSFP Modules Understand the real difference between low-quality and high-quality optical transceivers for 1G, 10G, 40G, 100G, 200G & 400G

SFP vs SFP+ vs QSFP28 vs QSFP-DD: 2026 Optical

SFP vs SFP+ vs QSFP28 vs QSFP-DD: Master optical transceiver selection for 1G to 800G AI networks with our lab-verified guide.

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SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

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Copper SFP

Gigabit Ethernet over Cat6/Cat6a Cable Switch to Switch Interface Router/Server Interface Features: Support 10/100/1000BASE-T Operation in Host Systems with SGMII interface 100m transmission

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://shangases.co.za>

Email: ekomedsolar@gmail.com

Phone: +86 13816583346

Address: No. 26 Heshun Middle Road, Economic Development Zone, Hai'an City, Jiangsu Province, China

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