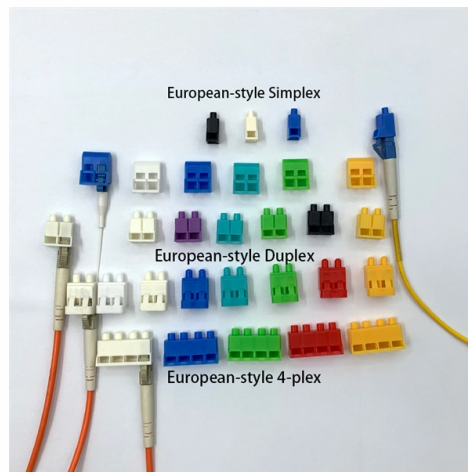


Quote for a 40G Fiber Optic Enterprise Router



AI Overview

40G enterprise routers are available from leading vendors like Cisco, Juniper, HPE, Huawei, and Arista, with QSFP+ modules supporting 10-80 km fiber connectivity. Router Options and Vendors For enterprise-grade 40G routers, you can consider the following options: Cisco: Models such as the ASR 1002-X and ASR 9000 series support 40G interfaces, SD-WAN, and advanced security features, suitable for data centers and enterprise WAN deployments. Juniper: MX960 and MX2020 routers provide high-performance 40G connectivity with virtualization and multi-protocol support. Huawei: NE40E-X16A and NE40E-X3A routers offer scalable 40G routing for enterprise and service provider networks. Arista, HPE, Mikrotik, Brocade: These vendors also provide 40G routers with high-density ports and low-latency performance for enterprise LAN/WAN environments. Fiber Optic Transceivers To enable 40G fiber connectivity, QSFP+ transceivers are required: 40GBASE-ER4 QSFP+: Supports up to 40 km over single-mode fiber (SMF) at 1310nm, ideal for long-haul enterprise or metro networks. 40GBASE-LR4 QSFP+: Supports up to 10 km over SMF, suitable for shorter enterprise or data center links. FS 40G QSFP+ Modules: Offer a range of distances from 150m to 80 km, compatible with high-density switching and routing applications. These modules are typically hot-swappable, support digital diagnostic monitoring, and consume less than 3.5W, making them energy-efficient for large-scale deployments. Pricing and Quote Process Prices vary depending on the vendor, model, and included features such as SD-WAN, security, and virtualization support. Vendors like ServerBasket provide international delivery, 24/7 support, and professional consultation to help select the right 40G router for your enterprise. To obtain a formal quote, you can contact vendor sales teams direc...

Article Content

Fiber Optic Internet Speed Test | Verizon Business

Perform a fiber optic internet speed test with Verizon Business. Ensure optimal connectivity speeds for your business operations. Learn how to test now!

Cisco QSFP-40G-SR4 40GBASE-SR4 QSFP Module, MMF 100m, Price

Cisco QSFP-40G-SR4 Overview The Cisco QSFP-40G-SR4 is a high-performance QSFP transceiver module designed for enterprise-level applications. This module supports 40 Gigabit Ethernet

10G or 40G Home Network?! A Guide to Insane Ethernet Speeds

How to Build a 40G Home Network With QSFP+ To build a fiber-optic 40G home network, you would need the following components. I've linked to specific recommended products

Buy Cutting-Edge 40G Routers on Sale | Price Drop Alert!

Deployed in data centers, enterprise LAN/WAN, and busy environments, 40G routers facilitate efficient data transfer and processing. Some of the best 40G router manufacturers include Cisco, Juniper,

Internet optical fiber equipment solutions suppliers

From optical cables ensuring stable data transmission, routers that manage network traffic efficiently, to fiber distribution boxes for convenient fiber - optic splitting and

Cisco 40GBASE QSFP Modules Data Sheet

It enables high-bandwidth 40G optical links over 12-fiber parallel fiber terminated with MPO/MTP multifiber female connectors. It can also be used in a 4x10G mode for interoperability with

Pre-Terminated Fiber Cable Assemblies: Complete Buyer's Guide

Pre-terminated fiber cable assemblies save 30-50% on install costs vs field splicing. Learn types, connectors, pricing, and how to order custom fiber optic cable assemblies from BWNFiber.

Top 8 Fiber Optic Testing Standards You Need to Follow in 2026

Fiber optic infrastructure efficiency depends on strict adherence to international testing protocols that govern signal loss, dispersion, and connector cleanliness. As data centers migrate toward 800G and

1×2 FBT FiberCoupler – Cost-Effective Optical Power

1×2 FBT coupler delivers stable optical power splitting for FTTH, CATV, and telecom networks. A reliable and economical solution for 1×2 signal distribution.

Gigabit Fiber Optic Internet | Google Fiber

Google Fiber offers limitless access to fiber internet. Find out what you can do with speeds up to 8 gigabits per second. Equipment and Wi-Fi are included.

40G QSFP+ Optical Transceiver | SR, LR, ER, ZR, Complete

Find high-density 40G QSFP+ optical transceivers compatible with Cisco, Huawei, Juniper, Arista, and more. Choose from SR, LR, ER, ZR for every network.

Ruckus Wireless E40G-QSFP-LR4 LLC 1-pack 40G LR4 QSFP

The Ruckus E40G-QSFP-LR4 is a QSFP+ (Quad Small Form-Factor Pluggable) transceiver designed for 40 Gigabit Ethernet links over single-mode fibre. It supports the 40GBASE-LR4 standard and

Fiber Optic Cable Buying Guide | Eaton

Fiber Optic Cable Buying Guide Choosing single-mode or multimode fiber for high-performance data networking and telecommunications Fast data transmission,

FS | AI Infrastructure, Data Center, Enterprise Networking and

Improve the computing efficiency of your InfiniBand B300 AI cluster while lowering your total cost of ownership (TCO) with FS's 1.6T transceivers and cables. Using PicOS® and AmpCon-DC to make

ALCATEL-LUCENT QSFP-40G-LR

Enter your name, contact details, price and quantity you need. Our sales team will then send you a good quotation immediately. We also offer individual prices for your needs. You can get an offer by using

40G QSFP+ High-Speed Fiber Optic Connectivity Solutions ...

Our 40G QSFP+ transceivers offer reliable, high-speed connectivity for data centers, enterprise networks, and telecom applications. These compact modules support multiple fiber and copper

Cisco QSFP-40G-LR4-S 40GBASE-LR4 QSFP

Is the QSFP-40G-LR4-S suitable for future-proofing my network? Yes, the QSFP-40G-LR4-S supports 40G speeds and long-distance transmission, making it a

12/24/48 Core ADSS Optical Fiber Cable

Explore everything about ADSS fiber optic cables including the full form, core types (12/24/48 core), major brands, specifications, span length, sheath materials, and installation accessories.

Aruba Q9G82A 40G QSFP+ LC ER4 40km SMF Transceiver Module

The Aruba Q9G82A is a high-performance, cost-effective transceiver module designed to provide seamless 40G network connectivity. Known as the Aruba 40G QSFP+ LC ER4 40km SMF XCVR, it

Buy Cutting-Edge 40G Routers on Sale | Price Drop Alert!

Do you need the best transfer rates and lightning data speeds for the medium to large-scale enterprise network? Look no further than 40G routers. These advanced devices offer excellent performance

The Ultimate Guide to SFP Modules (2026): Types,

What is an SFP? SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network devices (switches, routers,

Contact Us

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