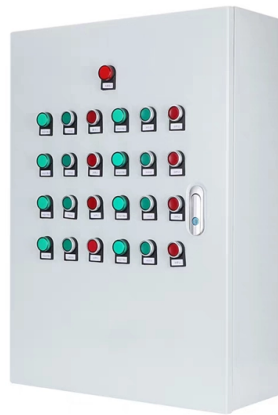


Australian Retail Carrier Grade Router QSFP



Overview

High-density fixed aggregation router with hardware for 24x QSFP28 and license-enabled operation in 16x100G mode. All products sold by XS Network Tech include a 12-month. The QSFP-100G modules are our latest generation of 100G transceiver modules solution based on a QSFP form factor. ● Interoperable with other IEEE-compliant 100GBASE interfaces where. The Cisco Compatible QSFP28 Optical Transceiver Module is designed for use in 100GBASE Ethernet and 4x28G OTN client interfaces throughput up to 10km over single mode fibre (SMF) using a wavelength of 1310nm via duplex LC connectors. 652 single-mode fibre with duplex LC connectors. It complies with the IEEE 100GBASE-LR4 specification, which does not employ the use of FEC. We deliver via TNT Express & Express Post anywhere within Australia. FREE. The core difference between SFP and QSFP is lane count: SFP is a single-lane form factor (1G-25G), while QSFP aggregates 4 (or more) lanes to reach 40G, 100G, 200G and 400G (QSFP-DD). Choose by port density, target bandwidth, distance, and thermal budget. What Is a Fibre Optic Transceiver?

A fibre optics transceiver is a compact device that sends and receives data over fibre optic.



Article Content

Nov 19, 2025

SFP vs. SFP+ vs. QSFP

SFP vs. SFP+ vs. QSFP: Key Differences Explained Introduction When expanding or upgrading a network, choosing SFP vs. SFP+ vs. QSFP transceiver is critical to

Oct 20, 2025

QSFP vs. SFP: What's the difference between QSFP and SFP?

What's the difference between QSFP and SFP? QSFP is 4 channel of SFP traffic. Learn to know what's the QSFP and the main features of QSFP and SFP.

Mar 22, 2026

SFP vs. QSFP: Differences, Use Cases, and How to Choose

Compare SFP vs. QSFP transceivers: key differences, speeds, distances, costs, and expert guidance to choose the right module for your network architecture.

Jun 09, 2026

The Types Comparison of SFP and QSFP

The small form-factor pluggable (SFP) is a compact, hot-pluggable network interface module used for both telecommunication and data

Mar 08, 2026

The 10 best enterprise routers in 2025

Find the best enterprise router for 2025. This guide covers top enterprise routers, enterprise Wi-Fi, and wireless options to meet your business

May 20, 2026

Cisco QSFP-100G-ZR4-S Pluggable Transceiver At-a

Whether it's a new build or an upgrade of an existing network, Cisco's QSFP-100G-ZR4- S provides 100G connectivity for platforms at up to 80 km on

Jan 01, 2026

Fibre Optic Transceiver Solutions in Australia Cloudtronics

Fibre optic transceiver solutions in Australia for fast, reliable networks. Explore SFP, SFP+ and QSFP modules from Cloudtronics.

Aug 04, 2025

Cisco QSFP-100G-SR4-S Compatible 100GBASE-SR4

FS for Cisco compatible QSFP-100G-SR4-S compatible QSFP28 optical transceiver provides 100GBASE-SR4 links up to 300m over multimode fiber (MMF) at a

May 13, 2026

Carrier-grade Flag Products-H3C

This product series is renowned for its stability, reliability, and advanced technology, delivering outstanding network services for telecommunications carriers.

Jul 04, 2025

Cisco QSFP-100G-LR4-S Transceiver Module

Taking BOX+FPC+PCBA separate design, it has great reliability, airtightness and heat dissipation performance. This transceiver is compliant with IEEE 802.3ba 100GBASE-LR4 and OTU4 4I1-9D1F

Nov 14, 2025

SFP vs QSFP+ vs OSFP: the Differences and Upgrade

Explore the differences between SFP, QSFP+, and OSFP transceiver modules. Learn when to upgrade your networking infrastructure for optimal

May 24, 2026

2025 SFP vs QSFP Port on Switches: Key Differences, Benefits, Cases

Discover the differences between SFP and QSFP port on switch. Learn about speed, bandwidth, transmission distance to choose for your enterprise or data center.

Nov 16, 2025

SFP SFP+ QSFP Modules: Speed, Distance & Network Scalability

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

Jul 14, 2025

Cisco N540X-16Z4G8Q2C-D | Carrier-Edge Router | 16x10G SFP

High-density service-edge router with a flexible port mix for metro, aggregation, and peering roles. Features 16x 10G SFP+, 4x 1G copper RJ45, 8x 25G SFP28, and 2x 100G QSFP28 for high

Oct 03, 2025

Understanding the QSFP Cable: A Comprehensive

As a compact cable, QSFP works best with high-density applications, supporting 40G and even 100G Ethernet networks. The main objective of QSFP is to aid in

Apr 16, 2026

40G QSFP+ Transceiver Modules

FS QSFP (Quad Small Form-factor Pluggable) modules operate with both duplex multi-mode and single-mode fibre and deliver significant performance advantages for high-density switching, routing and

Mar 08, 2026

Understanding QSFP Switches: A Comprehensive

Explore the latest QSFP switches for modern network solutions with this comprehensive guide. Learn about port configurations, features, and more.

Jun 21, 2026

How to Connect QSFP to SFP Port?

Two switches are located in adjacent layers on the same rack, one spine switch has 40G QSFP+ ports only, and the other switch is a gigabit switch with SFP+ ports. How to connect the

Jun 03, 2026

Understanding SFP, SFP+, QSFP and Beyond:

Discover the differences between SFP, SFP+, and QSFP transceivers, and learn how to select the best solution for your network. Explore their features,

Dec 26, 2025

SFP vs QSFP: Key Differences and How to Choose for Your Network

Learn the differences in speed, lanes, density, cost, and use cases. Includes tables, FAQs, and guidance on choosing SFP or QSFP for servers, AI, and DCI.

Jul 31, 2025

SFP Module Guide: SFP vs SFP+ vs SFP28 vs QSFP and How to

Learn what an SFP module is, how SFP, SFP+, SFP28, and QSFP differ, and how to choose the right module for speed, distance, fiber type, and compatibility.

Jan 09, 2026

100GBASE QSFP-100G Modules Data Sheet

Cisco QSFP modules are supported on Cisco switches and routers. For more details, refer to the Cisco 100 Gigabit Ethernet Transceiver Modules

Jul 24, 2025

Cisco NCS-55A1-16H-GLE | fixed router | 16x100G QSFP28 enabled

High-density fixed aggregation router with hardware for 24x QSFP28 and license-enabled operation in 16x100G mode. Ideal for core/edge aggregation, peering, and EVPN/MPLS deployments, supporting

Sep 10, 2025

QSFP-40G-LR4 | 40GB Single-Mode 10km (40GBASE-LR4)

This high-performance QSFP module supports link lengths of up to 10 kilometers over standard G.652 single-mode fibre with duplex LC connectors. The 40 Gigabit Ethernet signal is efficiently transmitted

Jul 17, 2025

QSFP-100G-LR4 | 100GB Single-Mode 10km (100GBASE-LR4)

QSFP-100G-LR4 | 100GB Single-Mode 10km (100GBASE-LR4) | QSFP100 LR4 Module supports link lengths of up to 10km over a standard pair of G.652 single-mode fibre with duplex LC connectors.

Contact Us

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