

AXM762-C

Netgear AXM762 ProSafe 10GBase-LR "Long Reach" SFP+ module

Product Overview

Netgear AXM762 ProSafe 10GBase-LR "Long Reach" SFP+ module, For Single Mode 9/125µm Fiber, Fit into M5300 / M7100 / M7300 Series, Drives 10 Gigabit Ethernet up to 10 km distances with 9/125µm Single Mode Fiber cables, LC Duplex Connector



Specifications

Overview Summary:

The NETGEAR ProSafe AXM762 10GBase-LR SFP+ transceiver is designed for reliable 10 Gigabit Ethernet connectivity over 9/125µm single mode fibre with transmission distances of up to 10km. Featuring an LC duplex connector and hot-swappable design, it integrates seamlessly with compatible NETGEAR managed, Smart and Plus switches for fast network expansion and maintenance.

Ideal for businesses, data centres and enterprise network deployments across South Africa, this genuine SFP+ module delivers dependable high-speed fibre performance for long-distance links. Buy now or shop now to upgrade your network with a trusted 10Gb fibre solution.

Performance tier:Enterprise / Professional 10Gb Networking

Uses:Long-distance fibre networking, 10 Gigabit Ethernet uplinks, enterprise LANs, data centres, switch interconnects, campus networks, backbone fibre connections

Overview:

10GBase-LR SFP+ Long Reach Fiber Module for Netgear Managed Switches

The Netgear ProSafe AXM762-10000S is a 10GBase-LR SFP+ transceiver designed to deliver reliable 10 Gigabit Ethernet connectivity over long distances using single mode fiber. It is engineered for use with 9/125um single mode fiber cabling and is compatible with Netgear M5300, M7100, and M7300 series managed switches. The module supports hot-swappable installation, allowing seamless upgrades and maintenance without network downtime, and is also supported on select Smart and Plus switch models equipped with SFP+ ports.

Description:

The AXM762-10000S SFP+ module provides high-performance long reach optical networking for enterprise environments requiring stable and extended-distance data transmission. It enables 10 Gigabit Ethernet connectivity over distances of up to 10 km (6.2 miles), making it suitable for campus networks, inter-building links, and high-speed backbone connections.

Built for flexibility and ease of deployment, this transceiver uses an LC duplex connector and integrates directly into compatible SFP+ interfaces without additional configuration. It is designed to maintain consistent throughput and signal integrity across long-distance single mode fiber links, supporting modern high-bandwidth applications such as virtualization, data center interconnects, and large-scale network aggregation.

Features:**Long Distance 10 Gigabit Connectivity**

This module is optimised for environments where standard copper or short-range optics are insufficient. It extends network reach while maintaining full 10G performance, reducing the need for intermediate networking equipment.

Key connectivity capabilities include:

- 10 Gigabit Ethernet over single mode fiber
- Transmission distance up to 10 km using 9/125um fiber
- LC duplex optical interface for stable connection

Switch Compatibility and Integration

The AXM762-10000S is designed for seamless integration into Netgear enterprise switching platforms. It supports multiple product families, ensuring broad deployment flexibility across managed network environments.

Compatible systems include:

- Netgear M5300 series managed switches
- Netgear M7100 series managed switches
- Netgear M7300 series managed switches
- Selected Smart and Plus switches with SFP+ support

Installation is plug and play via standard SFP+ ports, enabling quick expansion of existing network infrastructure.

Deployment and Use Cases

This transceiver is suited for high-performance networking scenarios where distance and bandwidth requirements are critical. Typical use cases include inter-building connectivity in enterprise campuses, fibre backbone extensions, and aggregation layers in data centre environments.

It is commonly deployed in:

- Enterprise campus network links
- Data centre interconnect backbones
- High-capacity uplinks between network switches
- Long distance fibre aggregation points

Technical Summary

- Part number: AXM762-10000S
- Type: 10GBase-LR SFP+ transceiver
- Fibre type: Single mode 9/125um
- Maximum reach: Up to 10 km
- Connector type: LC duplex

ComX Computers

Product Specification Sheet

- Interface: SFP+ hot-swappable
- Data rate: 10 Gigabit Ethernet

The AXM762-10000S remains a reliable choice for organisations requiring stable, long-reach optical networking within Netgear switching ecosystems.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/AXM762-C-Netgear-AXM762-ProSafe-10GBase-LR-Long-Reach-Buy-p-338200.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx.co.za/terms-of-sale.php>

PDF generated: 2026-10-20 12:26:26.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.