

# Mox optical module



## Overview

The MOX D module contains an SFP connector for an optical connection (with speeds of up to 2.5 Gbps) or compatible adapters. Even such a switch can be built from MOX. This module can be used only as an extension in a. MOX A (Basic) is a universal network microcomputer with gigabit connectivity and USB 3. MOX A is available in two variants - 512 MB RAM and 1024 MB RAM. Thin-film filter and PLC based AWG for multiplexing, a full suite of components for optical amplification use, optomechanical or MEMS-based switches for protection or surveillance application, Tap PD for power monitoring and VOA for. The Turris MOX is a unique modular router suitable for small and medium enterprises, geeks and the households of all users who are aware of the internet's risks. Thanks to its secure default configuration, automatic firmware updates and adaptive distributed firewall, the product is very secure.



## Article Content

Jul 18, 2025

Ethernet Media Converters

Moxa's industrial Ethernet media converters provide reliable and stable conversion of Ethernet data to fiber optic signals, even in harsh industrial environments.

Oct 21, 2025

Turriss MOX

MOX E (Super Ethernet) vices to your network. It has twice the width of the other modules and contains an eight-port manageable switc Unlike in the MOX C module, the SGMII bus is not terminated in the

Nov 04, 2025

Optical module design resources | TI

Design requirements Modern optical module designs often require: Reduced power consumption to control and limit module temperature rise. Dynamic and precise control of laser diodes to regulate

Nov 26, 2025

Moxa SFP-1GLHLC Compatible 1000BASE-EX SFP Transceiver

Compatibility Ideal for replacing the Moxa SFP-1GLHLC, this compatible 1000BASE-EX SFP 40km module works with a wide range of Moxa switches and networking devices.

Sep 09, 2025

MOX D (SFP)

This module can be used only as an extension in a set. You will need at least MOX Start. If you're combining it with other modules, make sure they are compatible. You can verify the order of modules

Feb 22, 2026

Turriss Omnia

MOX D (SFP) adds an optical SFP port (up to 2.5 Gbps) to Turriss MOX routers. Open source, secure firewall, compatible with MOX Start.

Feb 03, 2026

Turriss MOX D Module

Turris MOX D Module - SFP (boxed version) (RTMX-MDBOX) The MOX D module contains an SFP connector for an optical connection with speeds of up to 2.5 Gbps.

Jan 14, 2026

Moxa | Your Trusted Partner in Automation

Moxa is a leading provider of industrial networking, computing, and automation solutions to help customers enable the connectivity for the Industrial Internet of

Aug 03, 2025

Optical Transceivers

Optical transceivers have revolutionized data transmission, providing high-speed, long-distance, and secure data transmission capabilities. Optical transceivers

Jun 18, 2026

Optical Solutions

Optical Flex Circuits FlexPlane Optical Flex Circuits provide versatile, high-density routing on a flexible substrate, and Routed Ribbon Solutions offer cable

Apr 24, 2026

MOX Networks | INFINITE CAPACITY

MOX is a Leading Fiber Optic Network Specialist. MOX owns and operates unique lit and dark fiber routes throughout North America and Asia.

Feb 02, 2026

IMC-21GA Series

The IMC-21GA industrial Gigabit media converters are designed to provide reliable and stable 10/100/1000BaseT (X)-to-100/1000Base-SX/LX or selected

May 02, 2026

Optical Communications 100G MUX/DEMUX MODULE

100G MUX/DEMUX MODULE Multiplexer (mux) modules combine several wavelengths into a single fiber, and demultiplexer (demux) modules separate the wavelengths by cascading a set of thin-film

Aug 26, 2025

Optical Components and Modules

Everything you need to build an optical network from end-to-end.

Feb 18, 2026

## Universal Controllers & I/Os

Our universal controllers and I/O products use Click& Go control logic, which includes our active monitoring technology and support for a versatile set of OT/IT

Jan 29, 2026

## Ethernet-to-Fiber Media Converters | Moxa

Moxa's Ethernet to Fiber media converters feature innovative remote management, industrial-grade reliability, and a flexible, modular design that can fit any type of

Sep 13, 2025

## Fiber Optic Connectors and Adapters

As a leading supplier of advanced fiber optic components, Molex has an extensive product offering that includes a full range of optical solutions from connectors,

Jul 06, 2025

## Turris MOX D (SFP) module | 1x SFP WAN port (up to 2,5 Gbps) -

Turris MOX is a unique modular router that is suitable for small and medium-sized businesses, computer freaks and households of all users who are aware of the risks of the Internet.

Feb 16, 2026

## MOX Products

Molex's 64-circuit wire-to-board connection system and female crimp terminal complement the MOX family of housings and connectors and offer a

Oct 11, 2025

## Turris MOX D Module | 1x SFP WAN Port

Das MOX D-Modul enthält einen SFP-Anschluss für eine optische Verbindung mit Geschwindigkeiten von bis zu 2,5 Gbit / s. Dieses Modul kann nur als Erweiterung in einem Set verwendet werden.

Apr 27, 2026

## Turris MOX [Turris wiki]

MOX D (SFP) - SFP module with an optical port for up to 2,5 Gbps  
MOX E (Super Ethernet) - Module with 8x ethernet LAN ports  
MOX F (USB) - extension module with USB ports  
MOX G (Super

Jul 17, 2025

## Optical Components and Modules

Everything you need to build an optical network from end-to-end. Thin-film filter and PLC based AWG for multiplexing, a full suite of components for optical

Jul 18, 2025

ioLogik E1212

Universal Controllers & I/Os Our universal controllers and I/O products use Click& Go control logic, which includes our active monitoring technology and support for a versatile set of OT/IT protocols, to help

May 19, 2026

SFP Optical Transceiver Modules for Long Distance: A

Discover everything you need to know about SFP optical transceiver modules for long-distance fiber transmission. Compare LX, EX, ZX models and

## Contact Us

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