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Data Sheet

August 13, 2026

EXFO

EXFO EPX 5000 Dual Gigabit Ethernet Transceiver

EXFO EPX 5000 Dual Gigabit Ethernet Transceiver The EXFO/Gnubi EPX5000 is a Dual Gigabit Ethernet transceiver module for the EPX8/EPX16 modular telecom/datacom test chassis. It provides wire-speed GbE traffic generation and analysis on two optical SFP ports, with multi-session GUI/web remote control for production and lab protocol validation. The EXFO/Gnubi EPX5000 is a Dual Gigabit Ethernet transceiver module for the EPX8/EPX16 modular telecom/datacom test chassis. It provides wire-speed GbE traffic generation and analysis on two optical SFP ports, with multi-session GUI/web remote control for production and lab protocol validation.



MODEL

Exfo EPX 5000

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

EPX 5000

LISTING

<https://aumictechlabs.com/products/epx-5000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO EPX 5000 Dual Gigabit Ethernet Transceiver is a dual-port module for simultaneous testing of two high-speed Ethernet links. It generates and analyzes traffic across Layer 1 through Layer 4, enabling measurement of network throughput, latency, jitter, and error performance. Designed as a modular component within EXFO's test platforms, the EPX 5000 serves enterprise, telecom, and carrier Ethernet environments where multi-link validation is essential. Technical

Specifications Product Type: Dual-port Gigabit Ethernet transceiver module Ethernet Interfaces: 10/100/1000Base-T (Gigabit) Protocol Layers: L1 through L4 traffic generation and analysis Key Metrics: Network throughput, latency, jitter, error performance Platform Integration: Modular architecture for EXFO test systems Discontinued: June 30, 2006 End-of-Service Date: June 30, 2009 Key Features Dual simultaneous Ethernet link testing capability Multi-layer protocol analysis and traffic generation Error identification and quantification (packet loss, corruption) Modular design for integration into larger test platforms Typical Applications Network throughput evaluation and maximum data rate assessment Latency measurement across packet transmission paths Jitter analysis of received packet timing variations Packet loss and transmission error characterization Enterprise network performance validation Compatibility & Integration The EPX 5000 operates as a module within EXFO's modular test platforms. It pairs with platform management software and integrates alongside other specialized modules to support testing across multiple network interface types and speeds.

Features & description

From manufacturer datasheet

Features

- Dual independent Gigabit Ethernet ports • Optical SFP interfaces (SFPs typically included on listings)
- Wire-speed traffic generation and analysis • Customizable frame generation and error injection • Up to 17 modules per EPX16-class chassis • Full-featured GUI and command-line interfaces • Remote access via web browser • Firmware upgradeable module architecture

Applications

- Gigabit Ethernet protocol validation and BERT-style traffic tests • Wire-speed traffic generation and decoding • Multi-channel concurrent testing in EPX chassis • Telecom/datacom production and load testing • Remote multi-user web browser operation

EPX5000 Characteristics / Specifications

PARAMETER	VALUE
Model	EPX5000
Manufacturer	EXFO / Gnubi
Instrument Type	Dual Gigabit Ethernet Transceiver Module
Alias	EPX 5000; EPX-5000; Gnubi EPX5000
Chassis compatibility	EPX8; EPX16
Slot usage	one module slot
Port count	2
Interface type	Gigabit Ethernet optical SFP
Traffic capability	wire-speed generate and decode
Test sessions	multiple concurrent
User interface	graphical; command line
Remote access	web browser
Software tools	EPXam class Group Manager / Test Controls / Script Runner
Max modules per chassis class	up to 17
Power failure behavior	resume measurements/data collection after power failure (platform feature)
Protocols focus	Gigabit Ethernet
Form	modular plug-in card
Primary use	GbE traffic analysis and generation
Integration	telecom and datacom EPX platforms
Upgrade path	downloadable firmware/feature upgrades
Discontinued class	EXFO/Gnubi EPX family (legacy)
Connector media	optical SFP cages
Control architecture	multi-user remote capable Notes Specs from EXFO/Gnubi EPX5000 product and reseller documentation. Confirm SFP types installed, firmware, and chassis (EPX8 vs EPX16) with the shipment.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.