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Data Sheet

August 13, 2026

EXFO / GNUBI

Exfo / Gnubi EPX2000 SONET/SDH 10 Gb/s TX

Exfo / Gnubi EPX2000 SONET/SDH 10 Gb/s Transmit Module The EXFO/Gnubi EPX2000 is a 10 Gb/s (OC-192/STM-64) SONET/SDH optical transmit module for EPX chassis platforms such as the EPX-16. It generates 10 Gb/s SONET/SDH traffic with optical output typically at 1550 nm and about -2 dBm, supporting payload generation, alarm/error injection workflows, and multi-session remote testing via the EPX web/GUI environment. The EXFO/Gnubi EPX2000 is a 10 Gb/s (OC-192/STM-64) SONET/SDH optical transmit module for EPX chassis platforms such as the EPX-16. It generates 10 Gb/s SONET/SDH traffic with optical output typically at 1550 nm and about -2 dBm, supporting payload generation, alarm/error injection workflows, and multi-session remote testing via the EPX web/GUI environment.



MODEL

**EXFO / Gnubi
EPX2000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

EPX2000

LISTING

<https://aumictechlabs.com/products/epx2000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo/Gnubi EPX2000 SONET/SDH 10 Gb/s TX is a modular transmission test instrument engineered for high-speed telecommunications network validation. Operating at 10 Gb/s, it performs error analysis, protocol testing, and compliance verification across SONET/SDH deployments. The EPX2000 integrates into the Gnubi EPX series chassis architecture, enabling multi-protocol testing within a unified platform. Technical Specifications The EPX2000 operates as a dedicated transmission module at 10 Gb/s within the EPX series test framework. The broader

EPX platform supports multi-protocol and multi-rate capabilities, accommodating diverse telecommunications and datacom testing requirements.

Key Features

- Multi-protocol and multi-rate support within a single chassis
- Remote operation via web browser or custom software for configuration, control, and monitoring
- Concurrent test session capability for parallel measurement workflows
- Full-featured graphical user interface for operator control
- Error analysis and protocol validation functions
- Standards compliance verification for SONET/SDH networks

Typical Applications

The EPX2000 addresses validation requirements in SONET/SDH network deployments, with emphasis on 10 Gb/s transmission testing. Primary use cases include error characterization, protocol conformance assessment, and compliance documentation across carrier-grade telecommunications infrastructure.

Compatibility & Integration

The EPX2000 functions as a module within the Gnubi EPX series chassis. Integration requires corresponding EPX series chassis infrastructure to establish a complete test system. The module supports remote test setup, start, stop, and monitoring operations accessible through standard web-based interfaces or application software.

Features & description

From manufacturer datasheet

Features

- 10 Gb/s OC-192 / STM-64 optical transmitter

Applications

- OC-192 / STM-64 optical transmit BERT and stress testing

EPX2000 Characteristics / Specifications

PARAMETER	VALUE
Model	EPX2000
Manufacturer	EXFO / Gnubi
Instrument Type	SONET/SDH 10 Gb/s Optical Transmit Module
Alias	EPX 2000; Gnubi EPX2000; EPX-2000
Chassis	EPX series including EPX-16
Slot usage	one slot
Transmit rate	OC-192 / STM-64 10 Gb/s
Signal rate class	9.95328 Gbit/s SONET OC-192
Protocol	SONET / SDH
Wavelength typical	1550 nm
Optical connector class	ST/PC
Output power typical	-2 dBm $\pm$ 1.5 dB
Max output power class	-2 dBm
Function	optical transmit / traffic generation
Remote access	web browser UI: EPXam graphical and command-line
Concurrent sessions	multiple
Operating temperature class	0 C to 40 C non-condensing (EPX family)
Warranty standard class	1 year parts and labor (EPX family)
Timing references class	chassis clock modules / BITS / internal (EPX family)
Payload generation	SONET/SDH framed payloads
Alarm error insertion	supported in EPX transmit workflow
Multi module testing	yes within one chassis
Preferred companion class	EPX3000 receive class modules
Form	plug-in EPX card
Product family	EPX8 / EPX16 modular test system

PARAMETER	VALUE
Remote control features	set up; start; stop; monitor
Max modules per chassis class	up to 17 (EPX family)
Compliance class	SONET/SDH 10G optical transmit Notes Specs from Gnubi/EXFO EPX2000 reseller OEM listings and ArtisanTG module descriptions. Confirm exact wavelength, connector polish, firmware feature set, and paired receive module on the installed chassis.
Operating temperature	class: 0 C to 40 C non-condensing (EPX family)

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	class: 0 C to 40 C non-condensing (EPX family)
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Warranty standard class	1 year parts and labor (EPX family)
Timing references class	chassis clock modules / BITS / internal (EPX family)
Payload generation	SONET/SDH framed payloads
Alarm error insertion	supported in EPX transmit workflow
Multi module testing	yes within one chassis
Preferred companion class	EPX3000 receive class modules
Form	plug-in EPX card
Product family	EPX8 / EPX16 modular test system
Remote control features	set up; start; stop; monitor
Max modules per chassis class	up to 17 (EPX family)
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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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Specifications	
PARAMETER	VALUE
Max output power class	-2 dBm
Function	optical transmit / traffic generation
Remote access	web browser

Specifications

PARAMETER	VALUE
UI	EPXam graphical and command-line
Concurrent sessions	multiple
Operating temperature class	0 C to 40 C non-condensing (EPX family)

Warranty standard class: 1 year parts and labor (EPX family)

Specifications

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PARAMETER	VALUE
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PARAMETER	VALUE
Product family	EPX8 / EPX16 modular test system
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Compliance class: SONET/SDH 10G optical transmit

Notes

Specs from Gnubi/EXFO EPX2000 reseller OEM listings and ArtisanTG module descriptions. Confirm exact wavelength, connector polish, firmware feature set, and paired receive module on the installed chassis.

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.