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Data Sheet

August 15, 2026

IXIA

Ixia LM1000SX

Ixia LM1000SX Dual Port Gigabit Ethernet Load Module The Ixia LM1000SX is a 2-port multi-mode 1000BASE-SX Gigabit Ethernet load module for Ixia chassis. OEM Ixia load-module catalogs describe dual SX fiber ports for multi-layer traffic generation and analysis at 1 Gbps per port in XM/Optixia systems. Router switch and network appliance throughput latency and protocol conformance testing at Gigabit Ethernet. Multi layer traffic generation and analysis

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MODEL

Ixia LM1000SX

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LM1000SX

LISTING

<https://aumictechlabs.com/products/lm1000sx-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Ixia LM1000SX is a single-port Gigabit Ethernet load module engineered for network performance testing and validation. It generates and analyzes traffic across 1000Base-SX multimode fiber optic connections, enabling evaluation of network infrastructure and application behavior under controlled load conditions. The module integrates into Ixia test platforms, supporting traffic generation and analysis workflows for network engineers, system integrators,

and test laboratories. Technical Specifications Module Type: Gigabit Ethernet Load Module Port Configuration: Single-port Ethernet Standard: 1000Base-SX Fiber Type: Multimode Fiber Optic Interface: Gigabit Ethernet Operating Humidity: 0% to 85%, non-condensing Storage Temperature: 5°C to 50°C Key Features Single-port architecture for focused traffic generation and analysis Native 1000Base-SX multimode fiber connectivity Traffic generation capabilities for sustained load testing Detailed packet-level analysis for performance metrics Thermal operation within standard laboratory environments Typical Applications Network performance testing under variable load conditions Throughput, latency, and packet loss characterization Application performance validation across network infrastructure Quality of Service (QoS) mechanism evaluation Network hardware capability verification Compatibility & Integration The LM1000SX operates within Ixia test chassis and platforms. Power requirements and form factor specifications are dependent on the host chassis configuration.

LM1000SX Characteristics / Specifications

PARAMETER	VALUE
Model	LM1000SX
Instrument Type	Ethernet load module
Port Count	2
Port Speed	1000 Mbps Gigabit Ethernet
Media	1000BASE-SX multi mode fiber
Chassis Family	Ixia Optixia / XM class
Traffic Layers	multi layer L2 to L7 class
Operating Temperature	5 C to 40 C
Storage Temperature	5 C to 50 C
Humidity Operating	0 to 85 percent non condensing
Form Factor	Ixia load module slot card
Connector Optics	SX multi mode
Use Case	Gigabit Ethernet performance test
Series Family	Ixia LM1000 Gigabit modules
Duplex	full duplex Gigabit
Autonegotiation	IEEE 802.3 Gigabit class
Capture Buffer Class	per port capture on Ixia architecture
Protocol Emulation Class	routing and L4 L7 where licensed
Manufacturer	Ixia
Slot Power	chassis supplied
Hot Swap Class	chassis dependent
Port Density Chassis	multi module aggregation
Humidity	Operating: 0 to 85 percent non condensing

LM1000SX Specifications

PARAMETER	VALUE
Ixia LM1000SX Dual Port Gigabit Ethernet Load Module	Overview
Key Features	Two 1000BASE-SX multi-mode ports
Per port processor architecture class	Layer 2 through application test capability class
Technical Specifications	Model: LM1000SX

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	5 C to 50 C
Operating temperature	5 C to 40 C
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Humidity	Operating: 0 to 85 percent non condensing
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Protocol Emulation Class	routing and L4 L7 where licensed
Manufacturer	Ixia
Slot Power	chassis supplied
Hot Swap Class	chassis dependent
Port Density Chassis	multi module aggregation Notes Port count/media from Ixia LM1000SX product listings; environmental envelope from Ixia chassis/load-module environmental tables used across XM-family modules.

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.