

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

IXIA

Ixia LM1000SFPS4

Ixia LM1000SFPS4 4 Port 1000 Mbps Fiber SFP Ethernet Load Module The LM1000SFPS4 is a 4-port 1000 Mbps fiber Gigabit Ethernet load module in the Ixia TXS/SFP family. Ixia load-module literature lists LM1000SFPS4 and LM1000SFPS4-256 as 1000 Mbps fiber Gigabit Ethernet modules with CPU per port and SFP cages (transceivers not included). It is a standard-form-factor (SFF) load module for Ixia 1600/400/Optixia/XM chassis families alongside LM1000TXS4 copper and LM1000STXS mixed copper/fiber siblings. Ports run 1000 Mbps fiber via installed SFPs with multilayer traffic generation and analysis. The LM1000SFPS4 is a 4-port 1000 Mbps fiber Gigabit Ethernet load module in the Ixia TXS/SFP family. Ixia load-module literature lists LM1000SFPS4 and LM1000SFPS4-256 as 1000 Mbps fiber Gigabit Ethernet modules with CPU per port and SFP cages (transceivers not included). It is a standard-form-factor (SFF) load module for Ixia 1600/400/Optixia/XM chassis families alongside LM1000TXS4 copper and LM1000STXS mixed copper/fiber siblings. Ports run 1000 Mbps fiber via installed SFPs with multilayer traffic generation and analysis. Gigabit Ethernet switch/router performance, RFC 2544/2889 throughput, and fiber interoperability test in an Ixia chassis.



MODEL

Ixia LM1000SFPS4

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LM1000SFPS4

LISTING

<https://aumictechlabs.com/products/lm1000sfps4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ixia LM1000SFPS4 is a network load module engineered for testing and validation across demanding network environments. This four-port line card delivers 1 Gbps per port through SFP interfaces, supporting 10/100/1000 Mbps Ethernet connectivity. SFP transceiver flexibility enables deployment with fiber or copper media, adapting to existing infrastructure requirements. The module integrates into Ixia testing chassis, functioning as a key component within broader network test solutions.

Technical Specifications

Port Configuration: 4 × 10/100/1000 Mbps Ethernet SFP ports

Data Rate: 1 Gbps per port

Interface Type: SFP (Small Form-Factor Pluggable)

Transceiver Compatibility: SFP transceivers for flexible fiber and copper connectivity

Physical Dimensions: 12 × 12 × 2 inches (approximate)

Operating Humidity: 0% to 85% non-condensing

Storage Temperature: 5°C to 50°C

Key Features

- Four independent 1 Gbps Ethernet ports deliver parallel traffic generation and analysis
- SFP transceiver modularity supports mixed-media deployments without hardware redesign
- Integrated into Ixia chassis architecture for streamlined test topology scaling
- Low-profile form factor optimizes rack density in test lab environments

Typical Applications

- Network performance validation under sustained load conditions
- Multi-port Ethernet troubleshooting and traffic analysis
- Fiber and copper media testing with single hardware platform
- Regression testing for network infrastructure upgrades

Compatibility & Integration

The LM1000SFPS4 pairs with Ixia testing chassis and requires ixserver and iexplorer software for operation. Client applications integrate with existing Ixia test environments, accessed through standard Ixia account credentials. Chassis integration eliminates standalone licensing requirements, leveraging centralized platform resources.

LM1000SFPS4 Characteristics / Specifications

PARAMETER	VALUE
Model	LM1000SFPS4
Instrument Type	Gigabit Ethernet fiber load module
Port Count	4
Speed	1000 Mbps
Media	1000 Mbps fiber Gigabit Ethernet via SFP
Transceivers	SFP cages; transceivers not included
Cpu	CPU per port
Memory Sibling	LM1000SFPS4-256 256 MB class SKU
Mechanical Package	Ixia standard form factor SFF load module
Host Chassis	Ixia 1600 400 Optixia XM families with SFF adapter as required
Copper Sibling	LM1000TXS4 10/100/1000 copper
Mixed Sibling	LM1000STXS4 copper and fiber
Layers	multilayer traffic generation and analysis
Manufacturer	Ixia
Family	LM1000 SFP / TXS Gigabit Ethernet
Statistics	per port
Capture	chassis capture class
Streams	multi-stream class
Latency	timestamp class
Operating Temperature Class	Ixia chassis 5 C to 40 C class
Power	from chassis
Leds	link/activity class
Frame Size Class	RFC 2544 sizes
Duplex	full duplex 1000 Mbps fiber
Operating temperature	Class: Ixia chassis 5 C to 40 C class

LM1000SFPS4 Specifications

PARAMETER	VALUE
Applications	Gigabit Ethernet switch/router performance, RFC 2544/2889 throughput, and fiber interoperability test in an Ixia chassis.
Key Features	Four 1000 Mbps fiber ports with SFP cages
SFF load module for Ixia chassis	256 MB memory SKU LM1000SFPS4-256
Technical Specifications	Model: LM1000SFPS4

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Ixia chassis 5 C to 40 C class
Operating Temperature	Class: Ixia chassis 5 C to 40 C class
Operating Temperature Class	Ixia chassis 5 C to 40 C class
Power	from chassis
Leds	link/activity class
Frame Size Class	RFC 2544 sizes
Duplex	full duplex 1000 Mbps fiber Notes From Ixia 1000 Mbps Fiber Gigabit Ethernet load-module family listings (LM1000SFPS4 / LM1000SFPS4-256, 4-port SFP, CPU per port). Exact per-port buffer and L4-L7 feature set vary by TXS versus later XM; confirm the installed SKU and SFP type.

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.

performance, RFC 2544/2889 throughput, and fiber interoperability test in an Ixia chassis.	
Key Features	
Four 1000 Mbps fiber ports with SFP cages	
CPU per port TXS family	
SFF load module for Ixia chassis	
256 MB memory SKU LM1000SFPS4-256	
Multilayer traffic generation and analysis	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Model	LM1000SFPS4
Instrument Type	Gigabit Ethernet fiber load module
Port Count	4
Speed	1000 Mbps
Media	1000 Mbps fiber Gigabit Ethernet via SFP
Transceivers	SFP cages; transceivers not included
Cpu	CPU per port
Memory Sibling	LM1000SFPS4-256 256 MB class SKU
Mechanical Package	Ixia standard form factor SFF load module
Host Chassis	Ixia 1600 400 Optixia XM families with SFF adapter as required
Copper Sibling	LM1000TXS4 10/100/1000 copper
Mixed Sibling	LM1000STXS4 copper and fiber
Layers	multilayer traffic generation and analysis
Manufacturer	Ixia
Family	LM1000 SFP / TXS Gigabit Ethernet
Statistics	per port
Capture	chassis capture class
Streams	multi-stream class
Latency	timestamp class
Operating Temperature Class	Ixia chassis 5 C to 40 C class
Power	from chassis
Leds	link/activity class

PARAMETER	VALUE
Frame Size Class	RFC 2544 sizes
Duplex	full duplex 1000 Mbps fiber

Notes

From Ixia 1000 Mbps Fiber Gigabit Ethernet load-module family listings (LM1000SFPS4 / LM1000SFPS4-256, 4-port SFP, CPU per port). Exact per-port buffer and L4-L7 feature set vary by TXS versus later XM; confirm the installed SKU and SFP type.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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