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Data Sheet

August 15, 2026

IXIA

Ixia LM1000T

Ixia LM1000T 2 Port 10/100/1000 BaseT Load Module The Ixia LM1000T (LM1000T-5) is a 2-port 10/100/1000BASE-T Ethernet load module. Ixia 10/100/1000 load-module literature and LM1000T-5 listings specify two independent RJ45 ports at 10, 100, or 1000 Mbps over UTP, multilayer traffic generation, and chassis-hosted operation in Ixia 1600/400/Optixia families. Ethernet switch/router performance, Layer 2-3 traffic generation, and 10/100/1000 copper interoperability test. Multilayer traffic generation and analysis The Ixia LM1000T (LM1000T-5) is a 2-port 10/100/1000BASE-T Ethernet load module. Ixia 10/100/1000 load-module literature and LM1000T-5 listings specify two independent RJ45 ports at 10, 100, or 1000 Mbps over UTP, multilayer traffic generation, and chassis-hosted operation in Ixia 1600/400/Optixia families. Ethernet switch/router performance, Layer 2-3 traffic generation, and 10/100/1000 copper interoperability test. Multilayer traffic generation and analysis Operating Temperature Class: 5 C to 40 C Ixia chassis



MODEL

Ixia LM1000T

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LM1000T

LISTING

<https://aumictechlabs.com/products/lm1000t-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Ixia LM1000T is a Gigabit Ethernet load module for the Ixia 1600 chassis, delivering wire-speed Layer 2-3 traffic generation and analysis. Each module provides two 1000-BaseT RJ-45 ports with 4 MB buffer capacity, supporting up to 256 streams per port or 32,000 flows with

millions of unique packets per stream. The module generates valid, undersized (down to 12 bytes), oversized (up to 65,536 bytes), and error packets - including alignment, dribble bit, bad CRC, and no-CRC variants. Address fields support incrementing, decrementing, or random MAC and IP configurations for simultaneous Layer 2 and Layer 3 testing. Technical Specifications Interface: 1000-BaseT RJ-45 Ethernet Speed: Gigabit Ethernet Ports per Module: 2 Buffer Memory: 4 MB Streams per Port: Up to 256 Flows per Port: Up to 32,000 Packet Size Range: 12 bytes to 65,536 bytes Chassis Compatibility: Ixia 1600 Key Features Wire-speed traffic generation at Layer 2-3 Packet stream customization: valid, undersized, oversized, and error packet generation Error packet types: alignment, dribble bit, bad CRC, no CRC Dynamic addressing with incrementing, decrementing, or random MAC and IP assignment Per-stream generation of millions of unique packets IxExplorer Windows-based management software with intuitive Explorer-like interface Tcl scripting support with optional suites for RFC 2544, RFC 2285, IP Multicast, and QoS testing Integrated traffic statistics and packet capture/decode capabilities Typical Applications Ethernet switch and router validation Network infrastructure performance testing Layer 2 and Layer 3 device behavior analysis Conformance testing with RFC-based test suites Multicast and QoS scenario validation Compatibility & Integration Chassis: Ixia 1600 (supports up to 16 load modules) Daisy-Chain Scaling: Up to 256 chassis for large-scale synchronized testing Control Software: IxExplorer (MS Windows-based) Scripting Language: Tcl

LM1000T Characteristics / Specifications

PARAMETER	VALUE
Model	LM1000T
Also Known As	LM1000T-5
Instrument Type	Ethernet load module
Port Count	2
Speeds	10 Mbps 100 Mbps 1000 Mbps
Media	10/100/1000BASE-T UTP
Connector	RJ45
Host	Ixia load module chassis
Layers	multilayer traffic generation
Mechanical Package	Ixia SFF load module
Manufacturer	Ixia
Auto Negotiation	10/100/1000
Duplex	full/half at 10/100
Phy	copper
Statistics	per port
Capture	chassis capture class
Streams	multi stream class
Latency	timestamp class
Operating Temperature Class	5 C to 40 C Ixia chassis
Power	from chassis
Leds	link/speed/activity
Frame Size Class	RFC 2544 sizes
Protocols Class	L2/L3
Chassis Examples	1600 400 Optixia
Operating temperature	Class: 5 C to 40 C Ixia chassis

LM1000T Specifications

PARAMETER	VALUE
Ixia LM1000T 2 Port 10/100/1000 BaseT Load Module	Overview
Applications	Ethernet switch/router performance, Layer 2-3 traffic generation, and 10/100/1000 copper interoperability test.
Key Features	Two independent 10/100/1000 copper ports
Ixia chassis hosted	RJ45 UTP
Technical Specifications	Model: LM1000T

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 5 C to 40 C Ixia chassis
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Power	from chassis
Leds	link/speed/activity
Frame Size Class	RFC 2544 sizes
Protocols Class	L2/L3
Chassis Examples	1600 400 Optixia Notes From Ixia LM1000T-5 2-port 10/100/1000-BaseT module listings and Ixia 10/100/1000 load-module family documentation. CPU-per-port memory and L4-L7 feature set vary by TX versus TXS family; confirm the exact LM1000T versus LM1000STXS SKU.

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, Layer 2-3 traffic generation, and 10/100/1000 copper interoperability test.

Key Features

Two independent 10/100/1000 copper ports

Auto-negotiation

Multilayer traffic generation and analysis

Ixia chassis hosted

RJ45 UTP

Technical Specifications

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Frame Size Class	RFC 2544 sizes

PARAMETER	VALUE
Protocols Class	L2/L3
Chassis Examples	1600 400 Optixia

Notes

From Ixia LM1000T-5 2-port 10/100/1000-BaseT module listings and Ixia 10/100/1000 load-module family documentation. CPU-per-port memory and L4-L7 feature set vary by TX versus TXS family; confirm the exact LM1000T versus LM1000STXS SKU.

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.