

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 1, 2026

IXIA

IXIA 400 Traffic Generator w/ LM10GE223M Module

IXIA 400 Traffic Generator with LM10GE223M Module This configuration pairs an Ixia 400 (400T) compact traffic generator / performance analyzer chassis with an LM10GE223M 10 Gigabit Ethernet LAN load module. The 400T is a 4-slot modular chassis with an integrated PC controller running IxOS and IxExplorer. The LM10GE223M is a 1-port multilayer 10 Gigabit Ethernet LAN serial load module in the LM10GE223 family used with 400T / 1600T / X16-class chassis. The closely related LM10GE223F is documented as 1310 nm single-mode; the M suffix denotes the companion optics / performance variant on this part number (confirm 850 nm multimode or faceplate marking on the installed module). This configuration pairs an Ixia 400 (400T) compact traffic generator / performance analyzer chassis with an LM10GE223M 10 Gigabit Ethernet LAN load module. The 400T is a 4-slot modular chassis with an integrated PC controller running IxOS and IxExplorer. The LM10GE223M is a 1-port multilayer 10 Gigabit Ethernet LAN serial load module in the LM10GE223 family used with 400T / 1600T / X16-class chassis. The closely related LM10GE223F is documented as 1310 nm single-mode; the M suffix denotes the companion optics / performance variant on this part number (confirm 850 nm multimode or faceplate marking on the installed module). Wire-speed 10 Gigabit Ethernet LAN traffic generation and analysis; router/switch performan



MODEL Ixia LM10GE223M	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU LM10GE223M	LISTING https://aumictechlabs.com/products/lm10ge223m-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The IXIA 400 Traffic Generator with LM10GE223M module is a network testing platform built on a scalable desktop chassis architecture. It delivers 32,000 traffic flows per port with line-rate stateless traffic generation at 10GBASE-R (LAN) data rates. The system performs real-time packet-by-packet latency measurements, QoS emulation, and multilayer protocol analysis across Layers 2–7.

Technical Specifications

Chassis & Architecture

Chassis Type: IXIA 400 Traffic Generator/Analyzer

Form Factor: Desktop configuration; 4-slot density

Scalability: Daisy-chain up to 256 chassis with 10 nanosecond synchronization timing

Traffic Generation

Traffic Flows: 32,000 flows per port

Streams: Up to 256 per port

Packet Payload: 12 bytes (undersized) to 65,536 bytes (oversized), plus valid and error packets

Unique Packets: Millions per stream

Data Rate: 10GBASE-R (LAN) line-rate transmission

Address Variation: Incrementing, decrementing, or random MAC and IP addressing for simultaneous Layer 2 and Layer 3 testing

Traffic Analysis

Latency Measurement: Real-time, packet-by-packet resolution

Protocol Scope: Simultaneous multilayer (L2–L7) testing

Statistics: Graphical and tabular analysis views

Protocol Support Editors: IP, UDP, IPX, TCP, IGMP, ARP, DHCP, RIP, ISL, MPLS, VLAN 802.1pq, OSPF

Routing Protocols: BGP-4, OSPF, IS-IS, RIP, MPLS (RSVP-TE, LDP)

IP Standards: IPv4 and IPv6 wire-speed generation and analysis

Emulation: Thousands of routers/bridges with millions of reachable networks and hosts

QoS: Emulation and measurement supported

Key Features

CPU-based test ports with independent multi-core processors running Linux

Multi-user remote access for collaborative testing environments

Compatible with IxExplorer, IxNetwork, and IxLoad applications

Typical Applications

Ethernet switch and router validation at Layer 2 and Layer 3

Protocol conformance and performance testing

QoS and network behavior verification

Large-scale network emulation and stress testing.

Compatibility & Integration

The IXIA 400 supports Ixia's full range of load modules and integrates with industry-standard test applications for protocol, traffic, and application-layer performance analysis.

Features & description

From manufacturer datasheet

Features

- Ixia 400T Chassis
- 4 load-module slots
- Integrated PC controller with IxOS and IxExplorer
- Daisy-chain synchronization with other Ixia chassis (family architecture up to 256 chassis class)
- Compact form factor versus the 16-slot 1600T
- Supports Ethernet, POS, and other Ixia load modules appropriate to the chassis generation

LM10GE223M Characteristics / Specifications

PARAMETER	VALUE
System	Ixia 400 (400T) chassis + LM10GE223M load module
Manufacturer	Ixia Ixia 400T Chassis
Model	400T (catalog title may say 400)
Slots	4
Controller	Integrated PC; Windows 2000 Pro class OS in published tables
Dimensions	approximately 10.25 inWx 5.75 inHx 16 in D (26.1 × 14.6 x about 40.6 cm)
Weight	approximately 10 lb (4.5 kg)
Power	about 4.0 A at 110 V / 2.0 A at 220 V, 50/60 Hz
Operating Temperature	0 C to 40 C
Humidity	0% to 85% non-condensing
I/O	VGA, PS/2 keyboard/mouse (adapter), 10/100 Ethernet management (dual on 400T), serial, sync in/out, trigger out LM10GE223M Load Module
Instrument Type	1-port 10 Gigabit Ethernet LAN multilayer load module
Data Rate	10 Gbps Ethernet LAN
Ports	1
Chassis Compatibility	400T / 1600T / X16 series class
Related Part	LM10GE223F (1-port 10GE LAN, 1310 nm single-mode) Standard Operating Conditions Install the load module fully seated with chassis power off unless hot-swap is supported for that revision. Provide adequate cooling. Use fiber type matching the module optics.
Family companion LM10GE223F	1310 nm single-mode optics
M-suffix optics/performance variant	verify wavelength and fiber type on the module label
Fiber type	on the module label

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 40 C
Operating Temperature	0 C to 40 C
Humidity	0% to 85% non-condensing
I/O	VGA, PS/2 keyboard/mouse (adapter), 10/100 Ethernet management (dual on 400T), serial, sync in/out, trigger out LM10GE223M Load Module
Model	LM10GE223M
Instrument Type	1-port 10 Gigabit Ethernet LAN multilayer load module
Data Rate	10 Gbps Ethernet LAN
Ports	1
Chassis Compatibility	400T / 1600T / X16 series class
Related Part	LM10GE223F (1-port 10GE LAN, 1310 nm single-mode) Standard Operating Conditions Install the load module fully seated with chassis power off unless hot-swap is supported for that revision. Provide adequate cooling. Use fiber type matching the module optics.

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 analyzer chassis with an LM10GE223M 10 Gigabit Ethernet LAN load module. The 400T is a 4-slot modular chassis with an integrated PC controller running IxOS and IxExplorer. The LM10GE223M is a 1-port multilayer 10 Gigabit Ethernet LAN serial load module in the LM10GE223 family used with 400T / 1600T / X16-class chassis. The closely related LM10GE223F is documented as 1310 nm single-mode; theMsuffix denotes the companion optics / performance variant on this part number (confirm 850 nm multimode or faceplate marking on the installed module).

Applications

Wire-speed 10 Gigabit Ethernet LAN traffic generation and analysis; router/switch performance and functional testing; Layer 2/3 multilayer packet testing; lab automation with IxExplorer and Tcl.

Key Features - Ixia 400T Chassis

- 4 load-module slots
- Integrated PC controller with IxOS and IxExplorer
- Daisy-chain synchronization with other Ixia chassis (family architecture up to 256 chassis class)
- Compact form factor versus the 16-slot 1600T
- Supports Ethernet, POS, and other Ixia load modules appropriate to the chassis generation

Key Features - LM10GE223M

- 1-port multilayer 10 Gigabit Ethernet LAN load module
- Wire-speed packet generation and analysis under IxOS / IxExplorer
- Compatible with Ixia 400T, 1600T, and related chassis
- Family companion LM10GE223F: 1310 nm single-mode optics
- M-suffix optics/performance variant: verify wavelength and fiber type on the module label

Technical Specifications

System: Ixia 400 (400T) chassis + LM10GE223M load module

Manufacturer: Ixia

Ixia 400T Chassis

Specifications

PARAMETER	VALUE
Model	400T (catalog title may say 400)
Slots	4
Controller	Integrated PC; Windows 2000 Pro class OS in published tables
Dimensions	approximately 10.25 inWx 5.75 inHx 16 in D (26.1 x 14.6 x about 40.6 cm)
Weight	approximately 10 lb (4.5 kg)
Power	about 4.0 A at 110 V / 2.0 A at 220 V, 50/60 Hz
Operating Temperature	0 C to 40 C
Humidity	0% to 85% non-condensing
I/O	VGA, PS/2 keyboard/mouse (adapter), 10/100 Ethernet management (dual on 400T), serial, sync in/out, trigger out

LM10GE223M Load Module

Specifications

PARAMETER	VALUE
Model	LM10GE223M
Instrument Type	1-port 10 Gigabit Ethernet LAN multilayer load module
Data Rate	10 Gbps Ethernet LAN
Ports	1
Chassis Compatibility	400T / 1600T / X16 series class
Related Part	LM10GE223F (1-port 10GE LAN, 1310 nm single-mode)

Standard Operating Conditions
Install the load module fully seated with chassis power off unless hot-swap is supported for that revision.
Provide adequate cooling. Use fiber type matching the module optics.

Operational Notes
Confirm the LM10GE223M faceplate for exact optics (wavelength / MM vs SM). IxOS version must support the installed 10GE LAN module family. A monitor is typically required for local console on the integrated controller.

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 1, 2026

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