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Data Sheet

August 3, 2026

SPIRENT

Spirent Smartbits LAN-3201A 1-Port 1000SX Module for SMB6000B/C

Manufacturer: Spirent (SmartBits / NetCom) Instrument Type: 1-Port 1000SX Gigabit Ethernet Test Module Install only in compatible SMB6000B/C slots with multimode SX optics/cabling. Configure SmartWindow/SmartLib for stream definitions. Observe chassis power and cooling limits. LAN-3201A is SX multimode—confirm optics type vs LX variants if present in inventory. Alias LAN3201A. Instrument Type: 1-Port 1000SX Gigabit Ethernet Test Module Install only in compatible SMB6000B/C slots with multimode SX optics/cabling. Configure SmartWindow/SmartLib for stream definitions. Observe chassis power and cooling limits. LAN-3201A is SX multimode—confirm optics type vs LX variants if present in inventory. Alias LAN3201A.



MODEL	CALIBRATION
Spirent LAN-3201A	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
LAN-3201A	https://aumictechlabs.com/products/lan-3201a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Spirent Smartbits LAN-3201A is a single-port Gigabit Ethernet module that delivers full wire-rate traffic generation and analysis for network device testing and qualification. Built to IEEE 802.3z standards, this SFP-based module integrates directly into SMB6000B and SMB6000C chassis systems to evaluate Layer 2 and Layer 3 performance under controlled or extreme load

conditions. It supports simulation of up to 8,192 end devices and streams, with capacity for 512 million simultaneous flows, making it ideal for comprehensive interoperability and RFC 2544 compliance testing of routers and network equipment.

Technical Specifications

Port Configuration: 1 Gigabit Ethernet port, SFP connector, 1000Base-SX Fiber Type: Multimode fiber at 850 nm wavelength Speed: 1000 Mbps full wire-rate

Device & Stream Simulation: Up to 8,192 end devices and streams; 512 million flows

IEEE Standard: 802.3z (Gigabit Ethernet); 802.3x (flow control)

Capture Buffer: 1 MB for filtered event export

Data Integrity: Optional checksum validation for Layer 3 devices

Key Features

- Full wire-rate traffic generation and real-time analysis
- Independent, schedulable stream control with per-frame IP indexing
- Automatic IP header checksum generation and validation
- Optional UDP/TCP port number increment at burst underflow
- IP source and destination address increment capability
- IEEE 802.3x flow control command generation and response

Testing & Analysis Capabilities

Supports RFC 2544 (throughput, packet loss, latency) and RFC 1242 compliance testing. Evaluates network device performance under typical and extreme load conditions with Layer 2 and Layer 3 protocol testing. Validates interoperability across Gigabit Ethernet infrastructure.

Compatibility & Integration

Chassis: Spirent SMB6000B and SMB6000C

Software: SmartWindow™, SmartLib™ (Visual Basic, C, C++, Tcl on Windows; C, C++, Tcl on UNIX), SmartApplications™, ScriptCenter™, SmartFlow™

Features & description

From manufacturer datasheet

Features

- Single-port Gigabit Ethernet SmartBits module
- 1000Base-X / 1000Base-SX multimode fiber port
- Full Gigabit wire-speed traffic generation and analysis
- Simulates up to 8,192 end devices
- IEEE 802.3z compliant
- For Spirent SmartBits SMB6000B / SMB6000C chassis

LAN3201A Characteristics / Specifications

PARAMETER	VALUE
Model	LAN-3201A
Manufacturer	Spirent (SmartBits / NetCom)
Instrument Type	1-Port 1000SX Gigabit Ethernet Test Module
Port	1000Base-SX multimode
Chassis	SMB6000B / SMB6000C
Standard	IEEE 802.3z
Alias	LAN-3201A, LAN3201A Standard Operating Conditions Install only in compatible SMB6000B/C slots with multimode SX optics/cabling. Configure SmartWindow/SmartLib for stream definitions. Observe chassis power and cooling limits.

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 and interoperability testing; full wire-rate traffic generation and analysis on 1000Base-SX multimode fiber; SmartBits SMB6000B/C multi-module test systems; end-user simulation up to 8,192 devices at Gigabit speed.

Key Features

- Single-port Gigabit Ethernet SmartBits module
- 1000Base-X / 1000Base-SX multimode fiber port
- Full Gigabit wire-speed traffic generation and analysis
- Simulates up to 8,192 end devices
- IEEE 802.3z compliant
- For Spirent SmartBits SMB6000B / SMB6000C chassis

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	LAN-3201A
Manufacturer	Spirent (SmartBits / NetCom)
Instrument Type	1-Port 1000SX Gigabit Ethernet Test Module
Port	1000Base-SX multimode
Chassis	SMB6000B / SMB6000C

End-User Simulation: up to 8,192
Standard: IEEE 802.3z
Alias: LAN-3201A, LAN3201A

Standard Operating Conditions
Install only in compatible SMB6000B/C slots with multimode SX optics/cabling. Configure SmartWindow/SmartLib for stream definitions. Observe chassis power and cooling limits.

Operational Notes
LAN-3201A is SX multimode-confirm optics type vs LX variants if present in inventory. Alias LAN3201A.

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.