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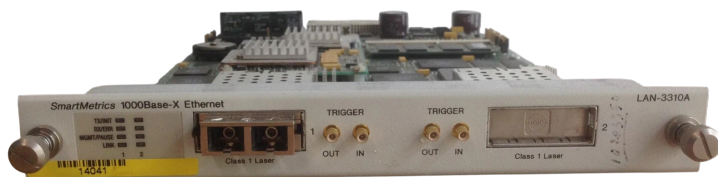
**Data Sheet**

August 12, 2026

SPIRENT

# Spirent Smartbits LAN-3310A 2-Port 1000SX Module for SMB6000B/C

The Spirent Smartbits LAN-3310A is a 2-Port 1000SX Module designed for use with SMB6000B/C chassis. It provides Gigabit Ethernet testing capabilities via two SX ports, enabling comprehensive performance analysis and validation of network devices and infrastructure.



MODEL

**Spirent LAN-3310A**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**LAN-3310A**

LISTING

<https://aumictechlabs.com/products/lan-3310a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

## This unit

The Spirent Smartbits LAN-3310A is a two-port Gigabit Ethernet module that generates and analyzes high-speed traffic for performance validation of network devices and infrastructure. It plugs into SMB6000B or SMB6000C chassis and uses GBIC interfaces for flexible fiber connectivity - supporting both multi-mode and single-mode transceivers. The module delivers full wire-rate traffic generation and analysis at 1000 Mbps, processing up to 1,448,095 frames per second across frame sizes from 40 to 16,384 bytes. It handles per-flow metrics for millions of IP flows and can simulate millions of IP addresses and servers simultaneously. Technical Specifications Port Configuration: 2 ports Interface Type: GBIC (Gigabit Interface Converter) Data Rate: 1000 Mbps (1 Gbps) Frame Size Support: 40 to 16,384 bytes Traffic Generation Rate: Up to

1,448,095 frames per second Stream Analysis Capacity: Up to 64K streams Operation: Full-duplex at 1000 Mbps line speed; autonegotiation supported Fiber Support: Multi-mode and single-mode via interchangeable GBIC transceivers Key Features Full wire-rate traffic generation and analysis VLAN tagging (IEEE 802.1q), IEEE 802.1p, and IEEE 802.3ac support MPLS label stack encapsulation (optional) Ping and ARP support Error injection for stress and negative testing Per-stream latency measurement, latency variation analysis, and sequence tracking Throughput and frame loss rate measurement Back-to-back testing capability Payload and IP header checksum verification Frame analysis: CRC errors, over/under-sized frames, VLAN frames, pause frames Histogram analysis Per-flow metrics for millions of IP flows IP address and server simulation (millions) Compatibility & Integration Chassis: Spirent SMB6000B, SMB6000C GBIC Modules: ACC-6002A (multi-mode), ACC-6003A (single-mode), ACC-6021A (1000Base-T RJ-45) Power: Provided by host chassis

## Features & description

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From manufacturer datasheet

### Features

- Ports: 2 independent Gigabit Ethernet ports
- Line rate: 1000 Mbps full duplex
- Interface: GBIC (MM/SM hot-pluggable)
- Frame length: 40–16,384 bytes class
- Full wire-rate generation and analysis; SmartMetrics per-flow metrics
- Chassis: 1 slot in SMB-600 or SMB-6000B/C
- Density example: up to 4 ports in SMB-600 (2 modules); up to 24 ports in SMB-6000B with 12 modules

# LAN3310A Characteristics / Specifications

| PARAMETER       | VALUE                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model           | LAN-3310A                                                                                                                                                                                                 |
| Manufacturer    | Spirent                                                                                                                                                                                                   |
| Instrument Type | SmartMetrics Gigabit Ethernet Module                                                                                                                                                                      |
| Alias           | LAN-3310A; Spirent LAN-3310A Ports / Rate 2 ports; 1000 Mbps; GBIC<br>Notes Specs from Spirent LAN-3300A/LAN-3310A datasheet. Confirm GBICs and chassis on unit. Sibling LAN-3300A is copper 10/100/1000. |
| Ports           | 2 independent Gigabit Ethernet ports                                                                                                                                                                      |
| Line rate       | 1000 Mbps full duplex                                                                                                                                                                                     |
| Interface       | GBIC (MM/SM hot-pluggable)                                                                                                                                                                                |
| Frame length    | 40–16,384 bytes class                                                                                                                                                                                     |
| Chassis         | 1 slot in SMB-600 or SMB-6000B/C                                                                                                                                                                          |
| Density example | up to 4 ports in SMB-600 (2 modules); up to 24 ports in SMB-6000B with 12 modules                                                                                                                         |

# LAN3310A Specifications

| PARAMETER                | VALUE                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Key Features             | - Ports: 2 independent Gigabit Ethernet ports                                                                                 |
| Technical Specifications | Model: LAN-3310A                                                                                                              |
| Ports / Rate             | 2 ports; 1000 Mbps; GBIC                                                                                                      |
| Notes                    | Specs from Spirent LAN-3300A/LAN-3310A datasheet. Confirm GBICs and chassis on unit. Sibling LAN-3300A is copper 10/100/1000. |

# 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; latency, load capacity, IP sequencing; Diffserv/MPLS/VLAN QoS flow metrics; high-port-density SmartBits systems.

Key Features

- Ports: 2 independent Gigabit Ethernet ports
- Line rate: 1000 Mbps full duplex
- Interface: GBIC (MM/SM hot-pluggable)
- Frame length: 40-16,384 bytes class
- Full wire-rate generation and analysis; SmartMetrics per-flow metrics
- Chassis: 1 slot in SMB-600 or SMB-6000B/C
- Density example: up to 4 ports in SMB-600 (2 modules); up to 24 ports in SMB-6000B with 12 modules

Technical Specifications

### Technical Specifications

| PARAMETER       | VALUE                                |
|-----------------|--------------------------------------|
| Model           | LAN-3310A                            |
| Manufacturer    | Spirent                              |
| Instrument Type | SmartMetrics Gigabit Ethernet Module |
| Alias           | LAN-3310A; Spirent LAN-3310A         |

Ports / Rate

2 ports; 1000 Mbps; GBIC

Notes

Specs from Spirent LAN-3300A/LAN-3310A datasheet. Confirm GBICs and chassis on unit. Sibling LAN-3300A is copper 10/100/1000.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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

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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.