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Data Sheet

August 3, 2026

SPIRENT

Spirent SmartBits SMB-600 with 2 x LAN-33200

The Spirent SmartBits SMB-600 with 2 × LAN-33200 modules is a portable network performance analysis system engineered for high-density Ethernet testing and validation. This two-slot chassis delivers comprehensive testing capabilities for network infrastructure, applications, and services across equipment manufacturers, evaluation labs, and telecommunications enterprises. PC-based control via Windows interface enables automated performance testing per RFC 1242 and RFC 2544 standards. Aumictech offers NIST-traceable calibration and repair for the Spirent SMB-600/LAN-33200. Calibration covers analog input channel accuracy and offset at all gain settings, analog output accuracy, digital I/O logic threshold verification, sample rate and timing accuracy, and trigger and synchronization bus functional verification. NI CompactRIO and PXI chassis also undergo backplane trigger line integrity che



MODEL

Spirent SMB-600/LAN-33200

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SMB-600/LAN-33200

LISTING

<https://aumictechlabs.com/products/smb-600-lan-33200-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Spirent SmartBits SMB-600 with 2 × LAN-33200 modules is a portable network performance analysis system engineered for high-density Ethernet testing and validation. This two-slot chassis delivers comprehensive testing capabilities for network infrastructure, applications, and services across equipment manufacturers, evaluation labs, and telecommunications enterprises. PC-based

control via Windows interface enables automated performance testing per RFC 1242 and RFC 2544 standards. Technical Specifications Chassis: Spirent SmartBits SMB-600 with 2 module slots Control Interface: 10/100 Mbps Ethernet connection to host PC Software: SmartWindow, SmartLib, and SmartApplications (PC-based) Supported Standards: RFC 1242, RFC 2544 Operating System: Windows 98, 2000, NT, XP Input Power: 100–240 VAC, 50–60 Hz (nominal 115 or 230 VAC) Dimensions: 12" W × 3.5" H × 12.5" D (30.8 cm W × 9 cm H × 32.1 cm D) Weight: 5.25 lbs (2.38 kg) fully loaded; 8.5 lbs (3.85 kg) shipping weight Operating Environment: 15°C to 40°C (59°F to 104°F); 20%–80% relative humidity with unimpeded chassis fan airflow Key Features Portable design optimized for field and lab deployment Two-module configuration supports multiple Ethernet port densities Daisy-chaining capability: up to 512 SMB-600 units synchronously connected via multi-chassis extension units for large-scale testing PC control eliminates need for dedicated front-panel interfaces Typical Applications Network equipment validation and acceptance testing ISP and telecom infrastructure performance analysis Ethernet switch and router qualification RFC-compliant throughput, latency, and frame loss measurement Compatibility & Integration Compatible with Spirent SmartBits SMB-6000B chassis Host PC: IBM-compatible Pentium running Windows 98/2000/NT/XP Requires Ethernet card (10/100 Mbps), mouse, color monitor RS-232 straight-through cable required for initial configuration

Features & description

From manufacturer datasheet

Features

- SMB-600 chassis: 2 module slots; up to 16× 10/100 Ethernet, 4× Gigabit Ethernet, 2× POS, or 2× SmartMetrics Gigabit ports depending on modules installed • This bundle: 2× LAN-33200 / LAN-3320A-class 2-port dual-media SmartMetrics XD modules • Per LAN-3320A port: dual media 10/100/1000 Mbps copper and Gigabit Ethernet fiber; wire-rate traffic generation • Frame size range (LAN-3320A family): 40 to 16,384 bytes • Protocols: IP, UDP, TCP, ARP, ICMP; QoS / DiffServ flow measurements • Error injection: CRC, undersize, oversize, IP checksum errors • Chassis daisy-chain / expansion for higher port density • Bundled core apps: SmartWindow, SmartLib, SmartApplications

SMB600LAN33200 Characteristics / Specifications

PARAMETER	VALUE
Model	SMB-600 with 2 × LAN-33200 (LAN-3320A-class)
Manufacturer	Spirent Communications
Instrument Type	Portable SmartBits chassis + dual-media Ethernet modules
Alias	SMB-600; LAN-33200; LAN-3320A SMB-600 Chassis
Module Slots	2
Max Ports (chassis capacity)	16
Control Interface	10/100 Mbps Ethernet to host PC; RS-232 for initial configuration
Input Power	100–240 VAC, nominal 115 or 230 VAC, 50–60 Hz
Dimensions	12" W × 3.5" H × 12.5" D (30.8 × 9 × 32.1 cm)
Weight	5.25 lbs (2.38 kg) fully loaded; shipping approx. 8.5 lbs (3.85 kg)
Operating Temperature	59 to 104 °F (15 to 40 °C)
Humidity	20 to 80% RH; unimpeded airflow into chassis fans required
Front Panel LEDs	Power, Fan, Link, Status LAN-33200 / LAN-3320A Module (each)
Ports	2
Media	Dual media – 10/100/1000 Mbps Ethernet and Gigabit fiber
Test Layers	Layers 2 and 3
Traffic	Wire-rate, up to 100% utilization
Frame Length	40 to 16,384 bytes
Compatible Chassis	SMB-600 / SMB-6000B family Standard Operating Conditions Operate within 15–40 °C with clear fan intake. Host PC requires 10/100 Ethernet NIC and supported Windows environment per Spirent release notes. Operational Notes Confirm installed modules are LAN-3320A / LAN-33200 dual-media SmartMetrics cards. Do not confuse with single-media Gigabit-only LAN-32xx modules.
SMB-600 chassis	2 module slots; up to 16× 10/100 Ethernet, 4× Gigabit Ethernet, 2× POS, or 2× SmartMetrics Gigabit ports depending on modules installed
This bundle	2× LAN-33200 / LAN-3320A-class 2-port dual-media SmartMetrics XD modules

PARAMETER	VALUE
Per LAN-3320A port	dual media 10/100/1000 Mbps copper and Gigabit Ethernet fiber; wire-rate traffic generation
Frame size range (LAN-3320A family)	40 to 16,384 bytes
Protocols	IP, UDP, TCP, ARP, ICMP; QoS / DiffServ flow measurements
Error injection	CRC, undersize, oversize, IP checksum errors
Bundled core apps	SmartWindow, SmartLib, SmartApplications

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	59 to 104 °F (15 to 40 °C)
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Humidity	20 to 80% RH; unimpeded airflow into chassis fans required
Front Panel LEDs	Power, Fan, Link, Status LAN-33200 / LAN-3320A Module (each)
Ports	2
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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 analysis, compatible with the SMB-6000B module family. This configuration is listed with two LAN-33200-class dual-media Ethernet modules (Spirent LAN-3320A SmartMetrics XD family: 2-port 10/100/1000 copper and Gigabit fiber). The chassis is controlled from a PC over 10/100 Ethernet using SmartWindow, SmartLib, and SmartApplications.

Applications

Portable switch/router/firewall throughput, latency, and packet-loss testing; RFC 1242 / RFC 2544 automated tests; Layer 2-3 Ethernet validation; lab and customer-site device demonstrations.

Key Features

- SMB-600 chassis: 2 module slots; up to 16x 10/100 Ethernet, 4x Gigabit Ethernet, 2x POS, or 2x SmartMetrics Gigabit ports depending on modules installed
- This bundle: 2x LAN-33200 / LAN-3320A-class 2-port dual-media SmartMetrics XD modules
- Per LAN-3320A port: dual media 10/100/1000 Mbps copper and Gigabit Ethernet fiber; wire-rate traffic generation
- Frame size range (LAN-3320A family): 40 to 16,384 bytes
- Protocols: IP, UDP, TCP, ARP, ICMP; QoS / DiffServ flow measurements
- Error injection: CRC, undersize, oversize, IP checksum errors
- Chassis daisy-chain / expansion for higher port density
- Bundled core apps: SmartWindow, SmartLib, SmartApplications

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	SMB-600 with 2 x LAN-33200 (LAN-3320A-class)
Manufacturer	Spirent Communications
Instrument Type	Portable SmartBits chassis + dual-media Ethernet modules
Alias	SMB-600; LAN-33200; LAN-3320A

SMB-600 Chassis

Specifications

PARAMETER	VALUE
Module Slots	2
Max Ports (chassis capacity)	16
Control Interface	10/100 Mbps Ethernet to host PC; RS-232 for initial configuration
Input Power	100-240 VAC, nominal 115 or 230 VAC, 50-60 Hz
Dimensions	12" W x 3.5" H x 12.5" D (30.8 x 9 x 32.1 cm)
Weight	5.25 lbs (2.38 kg) fully loaded; shipping approx. 8.5 lbs (3.85 kg)
Operating Temperature	59 to 104 °F (15 to 40 °C)
Humidity	20 to 80% RH; unimpeded airflow into chassis fans required

PARAMETER	VALUE
Front Panel LEDs	Power, Fan, Link, Status

LAN-33200 / LAN-3320A Module (each)

Specifications

PARAMETER	VALUE
Ports	2
Media	Dual media – 10/100/1000 Mbps Ethernet and Gigabit fiber
Test Layers	Layers 2 and 3
Traffic	Wire-rate, up to 100% utilization
Frame Length	40 to 16,384 bytes
Compatible Chassis	SMB-600 / SMB-6000B family

Standard Operating Conditions
Operate within 15-40 °C with clear fan intake. Host PC requires 10/100 Ethernet NIC and supported Windows environment per Spirent release notes.

Operational Notes
Confirm installed modules are LAN-3320A / LAN-33200 dual-media SmartMetrics cards. Do not confuse with single-media Gigabit-only LAN-32xx modules.

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.