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Data Sheet

August 12, 2026

SPIRENT/NETCOM

Spirent Netcom SMB200 Smartbits 200 With 2 x Smartbits GX1405Bs

The Spirent Netcom SMB200 Smartbits 200 is a portable network testing platform that delivers traffic generation and analysis for comprehensive device and protocol validation. This modular system accommodates up to four SmartCards, supporting 10/100/1000 Mbps Ethernet, ATM, and Frame Relay technologies. The included pair of GX1405B Gigabit Ethernet SmartCards provides 1000Base-SX fiber interfaces for full-duplex operations with advanced packet generation, capture, and monitoring capabilities. Engineers deploy the SMB200 on-site to execute industry-standard RFC-compliant performance tests, isolate network bottlenecks, and measure one-way latency and jitter with 100-ns timestamp accuracy. Compatibility & Integration The SMB200 integrates with external timing references via 10 MHz clock inputs and supports multi-chassis configurations up to 512 units. RS-232 and Internet remote control enable



MODEL

**Spirent/Netcom
SMB200/GX1405B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SMB200/GX1405B

LISTING

<https://aumictechlabs.com/products/smb200-gx1405b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Spirent Netcom SMB200 Smartbits 200 is a portable network testing platform that delivers traffic generation and analysis for comprehensive device and protocol validation. This modular system accommodates up to four SmartCards, supporting 10/100/1000 Mbps Ethernet, ATM, and

Frame Relay technologies. The included pair of GX1405B Gigabit Ethernet SmartCards provides 1000Base-SX fiber interfaces for full-duplex operations with advanced packet generation, capture, and monitoring capabilities. Engineers deploy the SMB200 on-site to execute industry-standard RFC-compliant performance tests, isolate network bottlenecks, and measure one-way latency and jitter with 100-ns timestamp accuracy. Technical Specifications Chassis Form Factor: Portable, lightweight design Dimensions: 12.25"W × 3"H × 12"D (31.4 × 7.7 × 30.8 cm) Weight: 5 lbs (2.27 kg) fully loaded Card Capacity: Four SmartCard slots Power: 90–264 VAC, 47–63 Hz (115 or 230 VAC nominal) Operating Temperature: 15–40 °C Operating Humidity: 20–80% relative humidity Host Connection: 10 Mbps Ethernet Remote Control: Internet or RS-232 Timing & Synchronization GPS support for distributed analysis External GPS kit for multi-chassis synchronization Timestamp Accuracy: 100 ns Expansion: RJ-45 in/out; accepts external 10 MHz clock Scalability: Up to 512 chassis via multi-chassis extension units GX1405B Gigabit Ethernet SmartCard (Qty. 2) Interface: 1000Base-SX single-port Fiber: Multi-mode, 850 nm Standards: IEEE 802.3z compliant Operation: Full-duplex Transmission Modes: Continuous, single burst, multi-burst, echo Packet Control: Inter-packet gap control, custom data patterns (incrementing, decrementing, randomizing) Key Features Modular SmartCard architecture for flexible technology selection Automated RFC 1242, 1944, 2285, 2432 performance testing Multi-technology support: Ethernet, ATM, Frame Relay Integrated software suite: SmartWindow, SmartLib, SmartApplications High-speed capture and traffic analysis GPS-synchronized measurements across distributed test nodes Typical Applications End-to-end network device validation Performance bottleneck identification Protocol compliance and behavior analysis One-way latency and jitter measurement Multi-site, synchronized network testing Compatibility & Integration The SMB200 integrates with external timing references via 10 MHz clock inputs and supports multi-chassis configurations up to 512 units. RS-232 and Internet remote control enables unattended operation. The GX1405B SmartCards provide IEEE 802.3z-compliant Gigabit Ethernet connectivity for high-speed test environments.

Features & description

From manufacturer datasheet

Features

- Chassis: SMB-200 – 4 SmartCard slots; portable; controllable via Ethernet from PC
- Included cards (listing): 2 × GX-1405B 1000Base-SX Gigabit Ethernet modules
- GX-1405B: 1 port; 850 nm MM fiber; 1 Gbps full duplex; frames to 2048 bytes
- GX-1405B modes: continuous, single burst, multi-burst, echo; pause flow control; latency measurement
- Chassis power: 90–264 VAC, 47–63 Hz (nominal 115/230 VAC)
- Chassis dimensions: 12.25" W × 3" H × 12" D (31.4 × 7.7 × 30.8 cm)
- Chassis weight: ~5 lb (2.27 kg) fully loaded; shipping ~8 lb
- Operating environment: 15–40 °C; 20–80% RH; side airflow required
- Host: Pentium PC, Windows 98/2000/NT class, 10/100 Ethernet to chassis

SMB200GX1405B Characteristics / Specifications

PARAMETER	VALUE
Model (system)	SMB200 / GX1405B
Manufacturer	Spirent / Netcom SmartBits
Instrument Type	Network Performance Analyzer Chassis + Gigabit Ethernet SmartCards
Alias	SMB-200; SmartBits 200; GX-1405B SMB-200 Chassis
Slots	4
Power	90–264 VAC, 47–63 Hz
Size	31.4 × 7.7 × 30.8 cm
Weight	~2.27 kg loaded GX-1405B (each)
Interface	1000Base-SX, 850 nm multimode
Rate	1 Gbps full duplex
Standards	IEEE 802.3z
Max frame	2048 bytes Notes Specs from Spirent SmartBits 200 and GX-1405B product documentation. Confirm both GX-1405B cards, fiber connectors, and software license/host PC requirements on the unit.
Chassis	SMB-200 – 4 SmartCard slots; portable; controllable via Ethernet from PC
Included cards (listing)	2 × GX-1405B 1000Base-SX Gigabit Ethernet modules
GX-1405B	1 port; 850 nm MM fiber; 1 Gbps full duplex; frames to 2048 bytes
GX-1405B modes	continuous, single burst, multi-burst, echo; pause flow control; latency measurement
Chassis power	90–264 VAC, 47–63 Hz (nominal 115/230 VAC)
Chassis dimensions	12.25" W × 3" H × 12" D (31.4 × 7.7 × 30.8 cm)
Chassis weight	~5 lb (2.27 kg) fully loaded; shipping ~8 lb
Operating environment	15–40 °C; 20–80% RH; side airflow required
Host	Pentium PC, Windows 98/2000/NT class, 10/100 Ethernet to chassis

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 chassis configured with two GX-1405B Gigabit Ethernet SmartCards. The SMB-200 is the compact/portable sibling of SMB-2000, sharing the same SmartCards and software. Each GX-1405B is a single-port 1000Base-SX (850 nm multimode) Gigabit Ethernet card for wire-speed traffic generation, monitoring, and capture (IEEE 802.3z, full duplex).

Applications
Gigabit Ethernet backbone conformance and interoperability; throughput and latency testing; portable network device performance analysis with SmartWindow / Spirent applications.

- Key Features**
- Chassis: SMB-200 – 4 SmartCard slots; portable; controllable via Ethernet from PC
 - Included cards (listing): 2 × GX-1405B 1000Base-SX Gigabit Ethernet modules
 - GX-1405B: 1 port; 850 nm MM fiber; 1 Gbps full duplex; frames to 2048 bytes
 - GX-1405B modes: continuous, single burst, multi-burst, echo; pause flow control; latency measurement
 - Chassis power: 90–264 VAC, 47–63 Hz (nominal 115/230 VAC)
 - Chassis dimensions: 12.25" W × 3" H × 12" D (31.4 × 7.7 × 30.8 cm)
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Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model (system)	SMB200 / GX1405B
Manufacturer	Spirent / Netcom SmartBits
Instrument Type	Network Performance Analyzer Chassis + Gigabit Ethernet SmartCards
Alias	SMB-200; SmartBits 200; GX-1405B

SMB-200 Chassis

Specifications

PARAMETER	VALUE
Slots	4
Power	90–264 VAC, 47–63 Hz
Size	31.4 × 7.7 × 30.8 cm
Weight	~2.27 kg loaded

GX-1405B (each)

Specifications

PARAMETER	VALUE
Interface	1000Base-SX, 850 nm multimode

PARAMETER	VALUE
Rate	1 Gbps full duplex
Standards	IEEE 802.3z
Max frame	2048 bytes

Notes
Specs from Spirent SmartBits 200 and GX-1405B product documentation. Confirm both GX-1405B cards, fiber connectors, and software license/host PC requirements on the unit.

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.