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Data Sheet

August 3, 2026

SPIRENT

Spirent SmartBits SMB-200 with 2 x GX-1405Bs

The Spirent SmartBits SMB-200 is a solid chassis that, along with the two GX-1405B test modules, provides comprehensive network performance testing. This setup is ideal for evaluating network devices and infrastructure.



MODEL

Spirent SMB-200/GX-1405B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SMB-200/GX-1405B

LISTING

<https://aumictechlabs.com/products/smb-200-gx-1405b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Spirent SmartBits SMB-200 with dual GX-1405B modules is a portable Gigabit Ethernet performance analysis system built for on-site testing and certification of network infrastructure. This compact platform combines a four-slot chassis with two single-port 1000Base-SX fiber modules, enabling high-speed traffic generation, monitoring, and protocol conformance verification. The system supports full-duplex operations and delivers the measurement accuracy, scalability, and remote control capabilities required for network validation in field and laboratory environments.

Technical Specifications

Chassis Portable analyzer system with 4 SmartCard slots

Dimensions: 12.25" W × 3" H × 12" D (31.4 cm × 7.7 cm × 30.8 cm) Weight: 5 lbs (2.27 kg) fully loaded Power: 90–264 VAC, 47–63 Hz Operating temperature: 15°C to 40°C Relative humidity: 20% to 80% (non-condensing) GX-1405B Gigabit Ethernet SmartCard (qty 2) Interface: 1000Base-SX (IEEE 802.3z) Fiber type: Multi-mode 850 nm Single-port per module Full-duplex mode

Key Features Host PC connectivity via 10 Mbps Ethernet (RJ-45) or RS-232 remote control

Multi-chassis synchronization supporting up to 512 units GPS-enabled synchronization with 100-ns accuracy timestamps for one-way latency and jitter measurement External 10 MHz clock input via RJ-45 expansion interface Bundled PC software: SmartWindow, SmartLib, and SmartApplications (Windows compatible) Requires unimpeded side-fan airflowTypical Applications Gigabit Ethernet backbone conformance and interoperability testing traffic generation and protocol validation Network device certification and performance analysis On-site infrastructure validation and bottleneck identificationCompatibility & Integration The SMB-200 scales horizontally through multiple chassis units with synchronized operation. Remote control via Internet or serial connection enables unattended testing. The system accepts external timing signals and integrates with Windows-based analysis software for complete test automation and reporting.

Features & description

From manufacturer datasheet

Features

- SMB-200: portable 4-slot SmartBits chassis (SMB-2000-compatible SmartCards) • Bundle: 2 × GX-1405B Gigabit Ethernet SmartCards • GX-1405B: 1000BASE-SX multi-mode Gigabit Ethernet, full duplex • Transmit/receive beyond wire speed; generate, monitor, and capture • Core apps: SmartWindow, SmartLib, SmartApplications; AST II support for GX-1405B • Expansion ports for multi-chassis sync (SMB-200 cannot use DB-37 stacking) • Front panel: Power, Fan, Link LEDs and reset switch

SMB200GX1405B Characteristics / Specifications

PARAMETER	VALUE
Model	SMB-200 with 2 × GX-1405B
Manufacturer	Spirent Communications
Instrument Type	Portable SmartBits chassis + Gigabit Ethernet SmartCards
Alias	SMB-200; GX-1405B; GX-1405Bs (single-mode sibling) SMB-200 Chassis
SmartCard Slots	4
Max Ports	4 (one per SmartCard in typical single-port Gigabit cards)
Dimensions	Width 12.25 in (31.1 cm); height/depth per SMB-200/2000 family table
Power	Compact AC/DC supply providing minimum 100 W DC at +5 V; +12 V via backplane DC/DC for fans and cards
Control	Host PC via Ethernet; RS-232 for configuration
Expansion	RJ-45 expansion (no DB-37 stack connectors)
Operating Environment	Per SmartBits SMB-200/2000 specifications (lab ambient with adequate airflow)
Front Panel LEDs	Power, Link, Fan; reset switch present GX-1405B SmartCard (each)
Type	Full-duplex Gigabit Ethernet SmartCard for SMB-200/2000
Interface	1000BASE-SX, 850 nm multi-mode (GX-1405Bs sibling: 1300 nm single-mode 1000BASE-LX)
Speed	1 Gbps
Streams / Capture Context (family tables)	stream and capture capacity per SmartBits Gigabit card tables (e.g. stream counts documented in System Reference for GX series)
Connectors	Per GX-1405B optical interface (SC-class Gigabit optics historically used) Optical Power Context (GX-1405Bs single-mode example from Spirent reference; multi-mode SX optics differ)
SMB-200	portable 4-slot SmartBits chassis (SMB-2000-compatible SmartCards)
Bundle	2 × GX-1405B Gigabit Ethernet SmartCards
GX-1405B	1000BASE-SX multi-mode Gigabit Ethernet, full duplex
Core apps	SmartWindow, SmartLib, SmartApplications; AST II support for GX-1405B

PARAMETER	VALUE
Front panel	Power, Fan, Link LEDs and reset switch

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.

Applications

Portable Gigabit Ethernet throughput, latency, and loss testing; RFC-oriented switch tests (AST II); lab and field device validation; dual-port full-duplex Gigabit traffic generation.

Key Features

- SMB-200: portable 4-slot SmartBits chassis (SMB-2000-compatible SmartCards)
- Bundle: 2 × GX-1405B Gigabit Ethernet SmartCards
- GX-1405B: 1000BASE-SX multi-mode Gigabit Ethernet, full duplex
- Transmit/receive beyond wire speed; generate, monitor, and capture
- Core apps: SmartWindow, SmartLib, SmartApplications; AST II support for GX-1405B
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SMB-200 Chassis

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GX-1405B SmartCard (each)

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Connectors	Per GX-1405B optical interface (SC-class Gigabit optics historically used)

Optical Power Context (GX-1405Bs single-mode example from Spirent reference; multi-mode SX optics differ)
GX-1405Bs (HP HFCT-53D5 1300 nm example): Tx avg -9.5 / -5 / -3 dBm (min/typ/max); Rx -3 to -20 dBm class -
verify SX optics on GX-1405B faceplate for multi-mode ratings

Standard Operating Conditions

Install at most the chassis SmartCard power budget allows (SMB-2000 fuse rules historically limit mixed high-power cards; follow Spirent card combination rules). Operate with unobstructed fan airflow.

Operational Notes

This listing specifies GX-1405B (multi-mode SX). GX-1405Bs is the single-mode LX variant-do not interchange without checking fiber plant. SMB-200 is single-user only for multi-user reservation features.

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.