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Data Sheet

August 3, 2026

TERAMETRICS

TeraMetrics XLW-3721A 10Gb for SMB6000 / 600

Chassis: SmartBits SMB6000 / SMB600 family Stream Analysis: up to 64,000 unique streams
Install only incompatible SmartBits SMB6000 or SMB600 chassis with adequate power and cooling. Configure SmartWindow / SmartLib software for stream definitions. Use appropriate 10GbE optics/cabling for the module's physical interface. XLW-3721A isaSmartBits chassis module—notastandalone tester. Confirm SMB6000 vs SMB600 slot compatibility and optics type on the inventory label. Alias XLW3721A. Stream Analysis: up to 64,000 unique streams
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MODEL

TeraMetrics XLW-3721A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

XLW-3721A

LISTING

<https://aumictechlabs.com/products/xlw-3721a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The TeraMetrics XLW-3721A is a 10 Gigabit Ethernet XENPAK MSA module engineered for high-speed network performance testing within Spirent SmartBits chassis systems. This 1-port, 2-slot module delivers Layer-2 through Layer-7 testing capabilities with a dedicated Pentium processor, enabling comprehensive benchmarking of switches, routers, and networking devices. It supports

both LAN and WAN signal rates and accommodates hot-swappable optical transceivers across multiple fiber types. Technical Specifications Module Type: TeraMetrics 10 Gigabit Ethernet XENPAK MSA Module Chassis Compatibility: Spirent SmartBits 600B, SMB-6000C, SMB6000 (requires two slots) Port Configuration: 1-port, 2-slot module Interface: 10Gbps Ethernet with XENPAK MSA transceiver socket Signal Rate: 10.3125 Gbps (LAN), 9.58464 Gbps (WAN) Protocol Support: 10GbE IEEE 802.3ae (Serial LAN, WAN modes) Optical Media: Multi-mode and single-mode fiber Processor: Dedicated Pentium processor for integrated control and data plane performance testing Control Interface: 10/100 Mbps Ethernet connection to host PC Key Features Hot-pluggable XENPAK optical transceivers enable field configuration changes without chassis modifications Support for multiple XENPAK transceiver types accommodating different 10GbE wavelengths and reach ranges TeraRouting Tester and TeraDot1x Tester application suites for protocol and device validation Automated RFC 1242 and RFC 2544 industry-standard test execution PC-based control via SmartWindow, SmartLibrary, and SmartApplications software Typical Applications Switch, switch-router, and router performance benchmarking Routing protocol performance validation IPv4 and IPv6 device interoperability testing Quality assurance and system-level test automation 10GbE network development and deployment verification Compatibility & Integration Requires IBM or compatible Pentium PC running Windows 2000/NT/XP or later. Host system must include 10/100 Mbps Ethernet controller card. Color monitor and mouse required for SmartWindow interface.

Features & description

From manufacturer datasheet

Features

- TeraMetrics / SmartMetrics 10Gb Ethernet module for SMB6000 / SMB600
- Stream-based wire-rate traffic generation at all frame sizes
- Frame sizes 42 to 16,384 bytes
- Up to 512 independent IP streams; millions of unique flows via address field variation
- Transmission modes: continuous, single-burst, multiburst, continuous multiburst, echo
- Supports 802.1p, 802.1q, 802.3ac VLAN; 802.3x flow control
- Analyzes up to 64,000 unique streams in histograms
- Real-time TOS/DiffServ analysis; packet loss, latency, frame sequencing per stream
- 32 MB capture buffer for filtered event export
- Independent port operation

XLW3721A Characteristics / Specifications

PARAMETER	VALUE
Model	XLW-3721A
Manufacturer	Spirent / TeraMetrics (SmartBits)
Instrument Type	10 Gigabit Ethernet Test Module
Chassis	SmartBits SMB6000 / SMB600 family
Frame Size Range	42 to 16,384 bytes
IP Streams	up to 512 independent
Stream Analysis	up to 64,000 unique streams
Capture Buffer	32 MB
Alias	XLW-3721A, XLW3721A Standard Operating Conditions Install only incompatible SmartBits SMB6000 or SMB600 chassis with adequate power and cooling. Configure SmartWindow / SmartLib software for stream definitions. Use appropriate 10GbE optics/cabling for the module's physical interface.
Transmission modes	continuous, single-burst, multiburst, continuous multiburst, echo

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 testing in SmartBits 600/6000 systems; multi-stream IP traffic generation and analysis; VLAN, flow-control, and QoS (TOS/DiffServ) validation; packet loss, latency, and sequence analysis under wire-rate load.

Key Features

- TeraMetrics / SmartMetrics 10Gb Ethernet module for SMB6000 / SMB600
- Stream-based wire-rate traffic generation at all frame sizes
- Frame sizes 42 to 16,384 bytes
- Up to 512 independent IP streams; millions of unique flows via address field variation
- Transmission modes: continuous, single-burst, multiburst, continuous multiburst, echo
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Technical Specifications

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Standard Operating Conditions

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Operational Notes

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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.