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Data Sheet

August 13, 2026

EXFO

Exfo MAX-860G Ethernet Network Tester

The EXFO MAX-860G is a carrier-grade Ethernet tester supporting 1G/10G networks. It validates service-level agreements (SLAs) with RFC 2544, Y.1564, and BERT testing. Its ruggedized design, GPS synchronization, and long battery life make it perfect for field technicians ensuring network performance and QoS.



MODEL

Exfo MAX-860G

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MAX-860G

LISTING

<https://aumictechlabs.com/products/max-860g-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO MAX-860G is a handheld Ethernet and transport network tester engineered for field installation, activation, and troubleshooting operations. This dual-core platform delivers testing across Ethernet speeds from 10 Mbps to 10.3 Gbps, transport protocols including DS_n/PDH, SONET/SDH, and OTN interfaces, and advanced performance validation via RFC 2544 and EtherSAM (ITU-T Y.1564) standards. The device combines a multitouch 8-inch color display, Windows 10 operating system, 4 GB RAM, and 64 GB internal storage with dual SFP/SFP+ optical ports and one RJ45 copper Ethernet interface for simultaneous or independent testing up to 2 × 10 Gbps links.

Technical Specifications

Processing & Storage	Dual-core processor; 4 GB RAM; 64 GB flash memory with microSD card expansion
Windows 10 operating system	Display 8-inch multitouch color TFT display, 1280 × 800 pixel resolution
Network Interfaces	1 × RJ45 (10/100/1000BASE-T) 2 × SFP/SFP+ slots supporting up to 10 Gbps optical modules
External clock	

inputs: DS1/1.5M, E1/2M, E1/2M Trigger 2 MHz 3 × USB ports (2 × USB 2.0, 1 × USB 3.0) Ethernet & Transport Testing Speed range: 10 Mbps to 10.3 Gbps (LAN/WAN) Protocols: Ethernet, IPv6, MPLS Standards: RFC 2544, RFC 6349, EtherSAM (ITU-T Y.1564), BERT, OTN (ITU-T G.709) with Forward Error Correction Dual-port testing: up to 2 × 10 Gbps simultaneous links Test functions: Traffic generation/monitoring, Ethernet filter and capture, through mode, smart loopback, carrier OAMKey Features Ruggedized handheld design for field deployment Dual-port 10 Gbps optical and copper Ethernet testing Service activation validation via EtherSAM performance testing OTN testing with integrated FEC support Transport layer analysis: DSn/PDH, ISDN, SONET/SDH to 10 Gbit/sTypical Applications Ethernet network installation and activation SLA validation and performance troubleshooting Carrier OAM and transport network diagnostics Dual-link high-speed WAN testingCompatibility & Integration EXFO MAX-800 Series platform SFP/SFP+ transceiver compatibility (wavelength/distance determined by module selection) microSD card support for data logging and test results export

Features & description

From manufacturer datasheet

Features

- Ethernet 10/100/1000M and 10G
-

Applications

- Ethernet service activation up to 10GE with EtherSAM and RFC 2544

MAX860G Characteristics / Specifications

PARAMETER	VALUE
Model	MAX-860G
Manufacturer	EXFO
Instrument Type	Handheld Ethernet and Transport Tester
Alias	MAX-800 Series MAX-860G
Ethernet electrical	10/100/1000M
Ethernet optical	up to 10G
Dual port testing	yes up to 10G
EtherSAM Y.15	yes
RFC 25	yes
IPv	yes
MPLS	yes
EtherBERT	yes
Multistream traffic generation	yes
Ethernet Through mode	yes
OTN interfaces	OTU1 2.6660 Gbit/s; OTU2 10.7092 Gbit/s
OTN standards	ITU-T G.709; G.798; G.872
SONET SDH optical	up to 10G
DSn interfaces	DS1; DS3; dual DS1/DS3 RX class
PDH interfaces	E1; E3; E4 class
Display	multitouch color TFT 203 mm (8 in) 1280 × 800
Processor	dual-core / 4 GB RAM / Windows 10 class
Internal storage	64 GB flash
Size	210 mm x 254 mm x 66 mm
Weight	2.5 kg
Battery	rechargeable Li-ion smart battery

PARAMETER	VALUE
AC adapter input	100–240 V 50/60 Hz 2.5 A max
AC adapter output	24 V 3.75 A
Operating temperature	0 C to 40 C
Storage temperature	–40 C to 70 C
Relative humidity	0% to 95% non-condensing
Interfaces USB	two USB 2.0; one USB 3.0
Interfaces other	RJ45 LAN 10/100/1000; micro SD; 3.5 mm headset
Connectivity built in	Gigabit; Wi-Fi; Bluetooth
Transmit bit rate OC3 class	155.52 Mbit/s ± 4.6 ppm
Transmit bit rate OC48 class	2.48832 Gbit/s ± 4.6 ppm
Frequency offset generation class	± 50 ppm
SFP wavelengths class	850; 1310; 1550 nm options Notes Specs from EXFO MAX-800 Series / MAX-860G product and spec sheet materials. Confirm installed SFP/XFP options, dual-port license, and transport feature pack on the unit.
Humidity	0% to 95% non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 70 C
Operating temperature	0 C to 40 C
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Humidity	0% to 95% non-condensing
Relative humidity	0% to 95% non-condensing
Interfaces USB	two USB 2.0; one USB 3.0
Interfaces other	RJ45 LAN 10/100/1000; micro SD; 3.5 mm headset
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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.

Specifications	
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PARAMETER	VALUE
Model	MAX-860G
Manufacturer	EXFO
Instrument Type	Handheld Ethernet and Transport Tester
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PARAMETER	VALUE
Alias	MAX-800 Series MAX-860G
Ethernet electrical	10/100/1000M
Ethernet optical	up to 10G
Specifications	
PARAMETER	VALUE
Dual port testing	yes up to 10G
EtherSAM Y.1564	yes
RFC 2544	yes
Specifications	
PARAMETER	VALUE
IPv6	yes
MPLS	yes
EtherBERT	yes
Specifications	
PARAMETER	VALUE
Multistream traffic generation	yes
Ethernet Through mode	yes
OTN interfaces	OTU1 2.6660 Gbit/s; OTU2 10.7092 Gbit/s

Specifications

PARAMETER	VALUE
OTN standards	ITU-T G.709; G.798; G.872
SONET SDH optical	up to 10G
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Specifications

PARAMETER	VALUE
PDH interfaces	E1; E3; E4 class
Display	multitouch color TFT 203 mm (8 in) 1280 x 800
Processor	dual-core / 4 GB RAM / Windows 10 class

Specifications

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Internal storage	64 GB flash
Size	210 mm x 254 mm x 66 mm
Weight	2.5 kg

Specifications

PARAMETER	VALUE
Battery	rechargeable Li-ion smart battery
AC adapter input	100–240 V 50/60 Hz 2.5 A max
AC adapter output	24 V 3.75 A

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Specifications

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Interfaces other	RJ45 LAN 10/100/1000; micro SD; 3.5 mm headset
Connectivity built in	Gigabit; Wi-Fi; Bluetooth

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Transmit bit rate OC3 class	155.52 Mbit/s ±4.6 ppm
Transmit bit rate OC48 class	2.48832 Gbit/s ±4.6 ppm
Frequency offset generation class	±50 ppm

SFP wavelengths class: 850; 1310; 1550 nm options

Notes

Specs from EXFO MAX-800 Series / MAX-860G product and spec sheet materials. Confirm installed SFP/XFP options, dual-port license, and transport feature pack 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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.