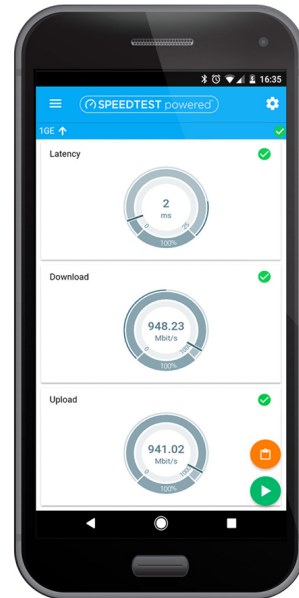


EXFO EX1 FTTH and Business Services Tester

Product Images

Product Code: C00-0204





Short Description

The EX1 is an industry first: a pocket-sized tester that validates bandwidth speed up to full line rate Gigabit Ethernet, emulates GPON ONT, fully tests residential WiFi and monitors both residential and business quality of experience.

The smallest Gigabit, GPON and WiFi testing solution available.

KEY FEATURES AND BENEFITS

Gigabit, GPON and WiFi tester

Full line rate capable gigabit tester powered by the industry-leading Speedtest® by Ookla® algorithm

Wireless interface (WiFi) for both Speedtest by Ookla and WiF channel map capabilities

Support of 2.4 GHz and 5.0 GHz WiFi frequency bands

Latency, download and upload throughput performance metrics with adjustable pass/fail thresholds based on subscribers' purchased plans

GPON ONT emulation via EXFO-qualified SFP GPON ONT transceiver

GPON ONT emulation allows the ability to detect PON ID, ONU ID, optical RX power, OLT optical TX power, ODN loss, ONT operational status

Supports VLAN and PPPoE

Controlled entirely through Android™ or iOS® smart devices offering a completely “untethered experience” for setup, testing, birth certificate generation and cloud-enabled firmware upgrades

Efficient job closeout with best-in-class birth certificate generation—reports generated in PDF or CSV

formats can be sent by email, text, cloud, Skype, etc. directly to the subscriber or stored in the cloud for the provider's future reference

Carrier-grade quality hardware including onboard FPGA muscle— delivering repeatable and reliable metrics each time

Rechargeable Li-ion battery operated

Active Verifier

Scalable platform capable of hosting EXFO's Active Verifier VNF for service and application performance assurance

Complete visibility of L3 to L7 performance through a suite of 100+ performance tests

Centralised management and control via EXFO Worx, with support for template-driven testing and automation from extensive API support

The EX1, paired with an Android or iOS smart device is a one-of-a-kind Ethernet, GPONa and Wi-Fi tester designed to qualify fibre to the home (FTTH) and business customers' quality of experience (QoE). The pocket-sized solution enables communication service providers and MSOs to validate full line rate Gigabit Ethernet as well as WiFi services to their subscribers. The advantage of the EX1 is three-fold: it includes a built-in dedicated WiFi chipset as well as utilises the world-leading Speedtest by Ookla algorithm, giving repeatable and reliable metrics, every time.

The Ethernet speed test can be performed on electrical (RJ45), optical (SFP), wireless (WiFi 802.11ac/a/b/g/n) and now GPONa interfaces, making the EX1 the ideal tool to generate birth certificates for multiple services during its provisioning phase. Moreover, the field technician can easily execute a WiFi channel map analysis (2.4 GHz and 5 GHz) and, as a result, determine the best placement for the access point at the customer premises. Service providers can also qualify 1GE optical connections based on SFP transceivers that are typically deployed in installations for business customers. The EX1 is therefore a must-have tool for troubleshooting activities that are expedited with the use of its unique graphical views and features enabled by the WiFi channel map analysis function.

The EX1 does not require a screen. Instead, its ultra-intuitive application runs directly on a field technician's smart device, displaying all tasks performed, including connection, setup, result gathering, report generation and cloud-enabled firmware upgrades.

Please see specification sheet for further details

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