

Compact

Fixed single slot 1U Ethernet Traffic Generator and Emulator chassis



Key Features

- 1U allows high-port density in a robust form factor
- Price/performance
- Ease of use
- Advanced architecture
- User-friendly software (Xena Manager, XOA CLI)
- Test automation with XOA

The Compact test chassis is a lightweight 1U 19" unit that hold any of Xena's complete range of copper and optical Ethernet modules in the Z01/10Z Odin, Z100q Loki, Z400q Thor or Z800 Freya product groups, as well as the E100q Chimera network emulation module, providing test ports from 10Mbps to 800G.

It offers the same functionality, connectivity and user experience from the Xena product family, including reservation of ports per user. The small format means the unit can fit into any test environment, without compromising on performance, features, or functionality.

This makes it ideal for customers who wants a portable solution that can easily be transported from site to site in a standard 19" flight case.

The high precision, stream based, wire-speed traffic generation and analysis capabilities make it ideal for testing network devices under deliberate error, stress, and random conditions. Packet formats can be defined per individual packet byte, and packet spacing, transmission rates, and bursts can be defined with byte and kbps accuracy.

There are 2 versions of the Compact chassis:

- Gigabit version for Z01/10 Odin, Z100q Loki modules, or the E100q Chimera module
- Terabit version for Z400q Thor or Z800 Freya modules

Extensive software included

Included free with every Compact is a complete software suite for generating and analyzing Ethernet traffic and testing RFC2544, RFC2889, RFC 3918, and Y.1564.

The XenaManager GUI makes ad-hoc test execution and remote management of test equipment located in multiple locations, simple for management of very large numbers of test streams.

The package also includes Xena OpenAutomation (XOA). XOA is an open-source test automation framework for use with Xena's traffic generators, physical layer testing and Z100q Chimera, our network impairment emulator. Fast, easy to use and extremely flexible, XOA features a Python API that runs on any OS.



HW SPECIFICATIONS	
Dimensions & Weight	<ul style="list-style-type: none">1 rack unit (RU) highGigabit version: 1.7" (H) x 19" (W) x 9.8"(D) (4.45 x 48.26 x 25cm) & 10 lbs (4.5 kg)Terabit version: 1.7" (H) x 19" (W) x 15"(D) (4.45 x 48.26 x 37cm) & 16.5 lbs (7.5 kg)
Max noise	Gigabit version: 49 dBa Terabit version: 67dBa
Environmental	Storage Temperature: -40 to 70° C Operating Temperature: 10 to 35° C Humidity: 8% to 90% non-condensing
Power	<ul style="list-style-type: none">AC Voltage: 100-240VFrequency: 50-60HzGigabit version: Typical: 120W / Max: 250WTerabit version: Typical: 300W / Max: 700W
Regulatory	FCC (US), CE (Europe)

Ordering Information

Product Description

- Xena Compact 1U single-slot test chassis for fixed modules

Product Code

Module number + "c"

License and accessory option

- Flightcase for Gigabit XenaCompact 1U chassis testers. Robust design with custom soft interior, extra rooms for accessories
- Flightcase for Terabit XenaCompact 1U chassis testers with Thor or Freya modules. Robust design with custom soft interior, extra rooms for accessories
- GPS receiver with SMA connector for GPS/GNSS antenna signal input. Requires a Val-C -TK-Client/Server-12 license to become operational
- XenaTimeSynch 12-month SW license for Client synchronization of chassis to a PTP/NTP/GPS ref. clock
- XenaTimeSynch 12-month SW license for Server/Client synchronization of chassis to a PTP/NTP/GPS ref. clock

Compact-FC

Compact-FC-TB

Val-C-GPS

Val-C-TK-Client-12

Val-C-TK-Server-12



Supplied and supported in the UK & Ireland by **Red Helix**
Tel: 01296 397711 | Email: info@redhelix.co.uk |
Web: www.redhelix.co.uk



TELEDYNE LECROY
Everywhere you look™