

Compact

Fixed single slot 1U Ethernet Traffic Generator chassis



Key Features

- 1-slot 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 can 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 want 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, and the E100q Chimera module
- Terabit version for Z400q Thor & 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.

[Find out more here:](#)





HW SPECIFICATIONS	
Dimensions	<ul style="list-style-type: none"> • 1 slot and 1 rack unit (RU) high • Gigabit version: 1.7" (H) x 19" (W) x 9.8"(D) (4.45 x 48.26 x 25cm) & 10 lbs (4.5 kg) Max. noise 49 dBa • 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 67 dBa
Power	<ul style="list-style-type: none"> • AC Voltage: 100-240V • Frequency: 50-60Hz • Max. Power: 90W / 220W • Max. Current: 0.8A with 120V supply, and 0.4A with 240V supply / 2A with 120V supply, and 1A with 240V supply
Environmental	<p>Storage Temperature: -40 to 70° C Operating Temperature: 10 to 35° C Humidity: 8% to 90% non-condensing</p>
Regulatory	FCC (US), CE (Europe)

Ordering Information

Product Description

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

Product Code

Module number + "c"



Local sales offices are located throughout the world. Visit our website to find the most convenient location.

1-800-5-LeCroy • teledynelecroy.com

