ValkyrieCompact

Fixed Ethernet Layer 2-3 Traffic Generator and Analyzer

TOP FEATURES

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

TOP FEATURES

- Three years' software updates
- Three years' hardware warranty
- Free tech support & training for the product lifetime

Core Features

The ValkyrieCompact 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 Odin, Loki, Thor or Freya product groups, providing stateless test ports from 10Mbps to 800G.

It offers the same functionality, connectivity and user experience from the Valkyrie product family, including reservation of ports per user. With only 1HE the unit can fit into any test environment, without compromising on performance, features, or functionality.

The small form factor also makes the ValkyrieCompact 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.
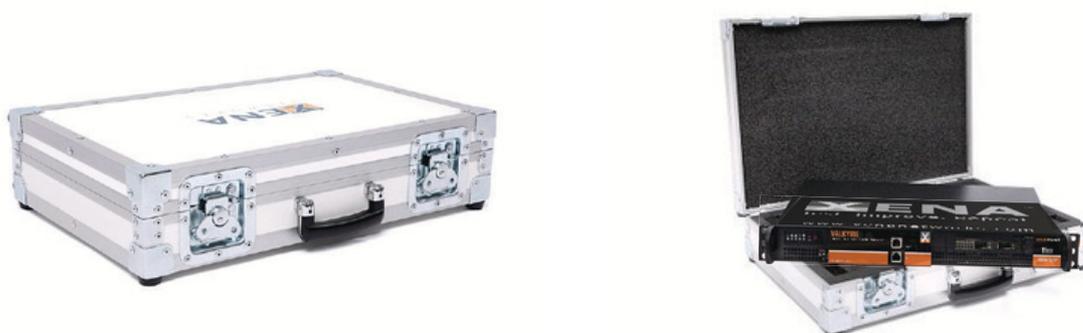
There are 2 versions of the ValkyrieCompact chassis:

- Gigabit version for Odin & Loki modules, and the Chimera module (Chi-100G-5S-2P)

- Terabit version for Thor & Freya modules

Extensive software included

Included free with every ValkyrieCompact is a complete software suite for generating and analyzing Ethernet traffic and testing RFC2544, RFC2889, RFC 3918, and Y.1564. The ValkyrieManager 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 Valkyrie & Vulcan Traffic Generation & Analysis (TGA) solutions and 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	• 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	• 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	• Operating Temperature: 10 to 35° C • Storage Temperature: -40 to 70° C • Humidity: 8% to 90% non-condensing
Regulatory	FCC (US), CE (Europe)

PRODUCT NUMBER (P/N)
• The product number for the module in the Compact is "C-module product number" e.g., "C-Freya-800G-4S-1P"