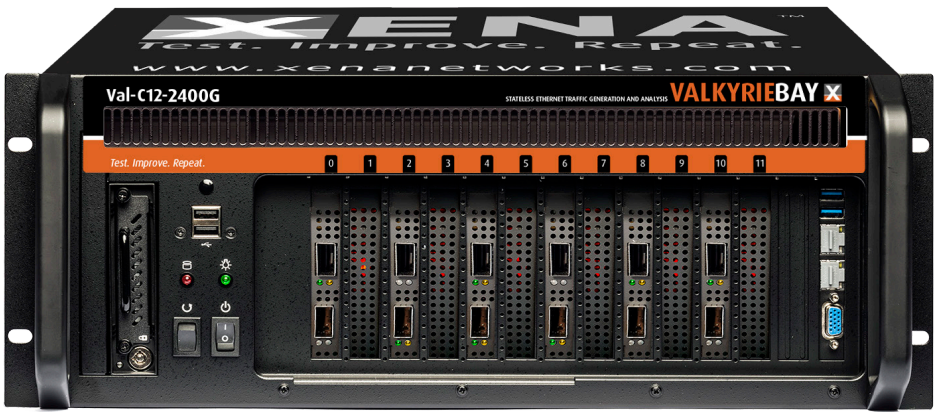
ValkyrieBay

Modular Stateless Ethernet Traffic Generator and Analyzer



TOP FEATURES

- 12-slot 4U ensures high density
- Price/performance
- Ease of use
- Advanced architecture
- Free software (incl. ValkyrieManager GUI, ValkyrieCLI, Valkyrie2544, Valkyrie1564 and Valkyrie2889)
- Three years' free software upgrades
- Three years' free hardware warranty.
- Free tech support – for the lifetime of the product

High-density 12 Slot 4U Test Chassis

The Xena ValkyrieBay test chassis offers high density and low power consumption per test port making it ideal for providers of Ethernet-based network devices and services looking for ease-of-use, cost efficiency, interoperability, and scalability.

The 4U unit features 12 slots and accepts Xena's complete range of copper and optical Gigabit Ethernet and 10/40/100/200/400-Gigabit Ethernet modules. The 10/40/100-GigE interfaces include optical QSFP+, SFP+, XFP, SR4, LR4, and SR10. The GigE interfaces include copper 10/100/1000M Ethernet and optical 100/1000M Ethernet.

ValkyrieBay can be deployed together with or as an alternative to test equipment from Ixia and Spirent, at a price point which obsoletes in-house custom built test solution projects.

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.

Network equipment manufacturers and service providers can demonstrate that end user triple play QoE is guaranteed during network congestion, by generating traffic loads representing tens of thousands of individual network users.

Extensive software included

Included free with every ValkyrieBay is a Packet Generator Analyzer package for testing RFC2544, RFC2889, RFC 3918, and Y.1564. ValkyrieManager makes ad-hoc test execution and remote management of test equipment located in multiple locations, simple for very large numbers of test streams. The package also includes ValkyrieCLI which is an open TCP/IP based text API that lets users automate testing from any software environment, using Tcl, Python, Perl, VBA, Ruby, BASH and Java wrappers to convert to/from the generic Xena Command Line Interface (CLI) format.

ValkyrieBay Versions

There are 2 versions of the ValkyrieBay chassis: the standard Val-C12-720G and the high-performance Val-C12-2400G. The Val-C12-2400G is required for the following test modules: Thor-400G-7S-1P, Thor-100G-5S-4P and Loki-100G-5S-2P, plus the Chimera module (Chi-100G-5S-2P).

SPECIFICATIONS

Dimensions
4U ValkyrieBay
- W: 19″ (48.26 cm)
- H: 7″ (17.78 cm)
- D: 19.7″ (50 cm)
- Weight: 36.4 lbs (16.5 kg)

Max. Noise
- ValkyrieBay: 58.5 dBa

Power
- AC Voltage: 100-240V
- Frequency: 50-60Hz
- • Max. Power: 1200W (220V AC), 1000W (110V AC)
- Idle Power: 200W (220V AC), 250W (110V AC),
- Max. Current: 0.8A with 120V supply, and 0.4A 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)

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