

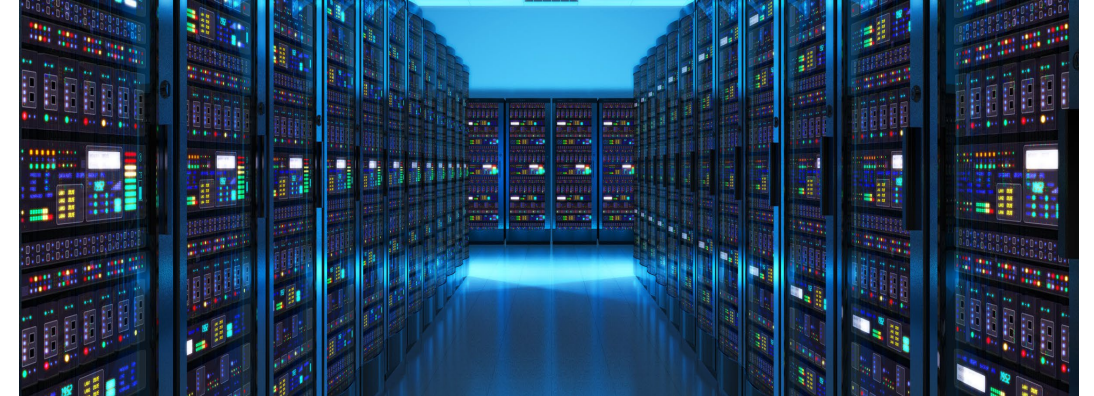


TELEDYNE LECROY
Everywhereyoulook™

Ethernet Testing

Improve performance, compliance and interoperability with Ethernet protocol analysis, traffic generation, Physical Layer testing and network emulation solutions

Teledyne LeCroy puts Ethernet to the test



Xena Ethernet Test Platform

The Xena platform includes traffic generators, physical layer testing and network emulation solutions for troubleshooting and optimizing the performance of devices handling Ethernet traffic at all speeds up to 800Gbps and beyond. User-friendly software and rich automation options ensure industry's lowest Total Cost of Ownership (TCO).

SierraNet Ethernet Protocol Analysis

SierraNet offers best in class traffic capture, analysis, and manipulation for testing physical link characteristics and application operations. SierraNet is designed for addressing today's high-speed storage and communications network problems and compliments other tools offering industry leading visibility and utility.

Teledyne LeCroy Xena Hardware



Xena Ethernet Traffic Generators are divided into four categories, named after gods from Nordic mythology. Z10 Odin traffic generators test up to 10Gbps, Z100 Loki tests up to 100Gbps, Z400 Thor tests up to 400Gbps PAM4, and the Z100 Freya traffic generators can test up to 800Gbps using 56G & 112G PAM4 SerDes traffic.

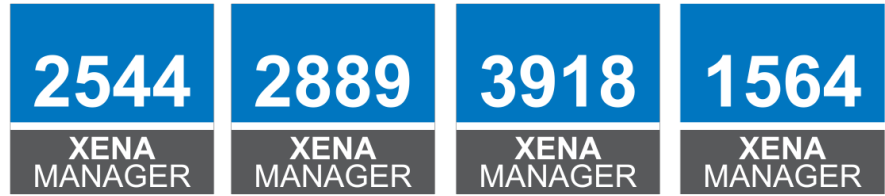


Xena E100 Chimera is a network emulation NIC for impairing traffic with various forms of latency and jitter at wire-speed up to 100Gbps. It has the industry's highest port density and works seamlessly with Xena traffic generators, uniquely allowing users to generate and impair traffic via the same GUI.



Choice of Chassis – Xena NICs can be installed in either a 4U 12-slot modular “Bay” chassis or individually in the easy-to-transport 1U fixed “Compact” chassis. The Bay chassis is scalable with 12 slots & available in 2 versions - the B720 is for all the Odin traffic generators or the B2400 for Loki, Thor, Freya & Chimera NICs which require more power and ventilation.

Teledyne LeCroy Xena Software



XenaManager is a user-friendly Windows PC client used for controlling every aspect of the Xena hardware as well as configuring, impairing and analyzing traffic at all speeds up to 800Gbps.

There are also 4 standalone test suites for running industry-standard RFC2544, 2889, 3918 & Y.1564 testing. Finally, there is **Xena OpenAutomation (XOA)**, a complete open-source automation and scripting framework.

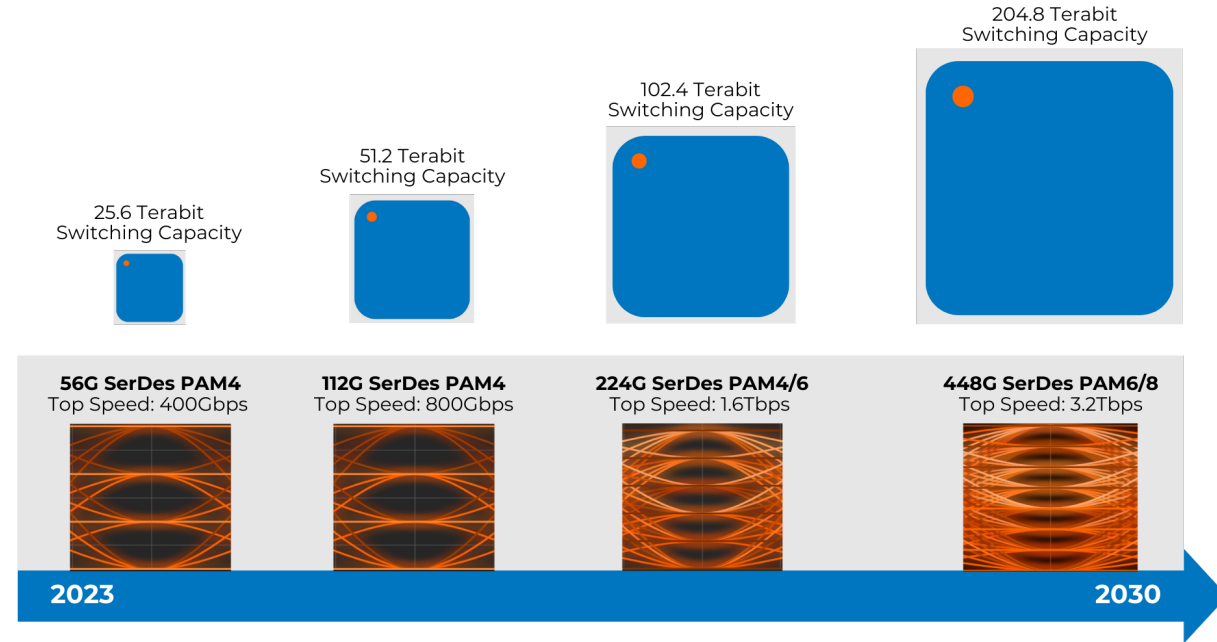
Xena software is free and regularly updated with new features, improvements and bug fixes. All customers can freely download & use all releases the first three years after purchasing hardware. This is part of the **Xena Value Pack** which also includes 3 years' HW warrant & free tech support and training.

What we do best

Ethernet is expected to accelerate from 800Gbps to 1.6Tbps to 3.2Tbps by 2030 to meet the demands of AI/ML, HPC, and 5G.

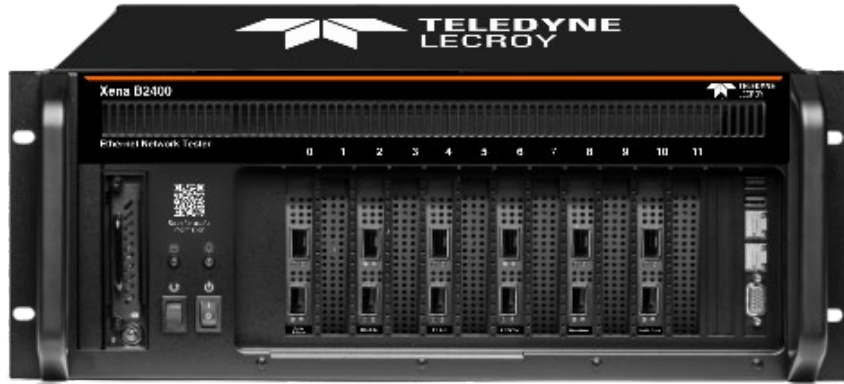
Xena is one of a handful of companies consistently developing reliable, cost-efficient and scalable solutions for testing terabit Ethernet, facilitating validation, QA, and production testing throughout the product lifecycle. Our **Ethernet Traffic Generators** boast unmatched scalability, transitioning seamlessly from lab testing to large-scale QA.

Xena provides powerful **Physical Layer testing** capabilities that meet the challenges of transitioning to terabit Ethernet. Additionally, our Chimera **network emulation** NIC helps 5G O-RAN customers in emulating real-world network traffic, enhancing test efficiency with industry-first features for traffic generation and impairment via a single interface.



“Each time Ethernet’s top speed goes up, the race is on to upgrade network equipment. We are one of the very few companies with the Ethernet T&M expertise to help manufacturers make it all work.”

Learn More



www.xenanetworks.com



www.teledynelecroy.com/protocolanalyzer/ethernet