

## XENA UNLEASHES THOR – A 7-SPEED 400GE TRAFFIC GENERATOR WITH 15 INTERFACE OPTIONS

**The new Thor-400G-7S-1P test module from Xena delivers huge value, confirming the company's position as a top-3 vendor of advanced Ethernet traffic generation and analysis solutions.**

**Copenhagen, 07 November 2018:** Xena Networks, a global price/performance leader in Ethernet traffic generation and analysis solutions, announces the general availability of its 7-speed 400 Gigabit Ethernet test module.

Xena's Thor-400G-7S-1P test module is now shipping to NEMs and service provider customers in the US, Europe, and Asia.

Thor-400G-7S-1P can test seven Ethernet network speeds: 400GE, 200GE, 100GE, 50GE, 40GE, 25GE and 10GE. This unique flexibility is provided via two physical transceiver cages – one supporting QSFP-DD, QSFP56 and QSFP28 transceivers, and the other supporting QSFP56 and QSFP28 transceivers. This feature gives customers a unique degree of test flexibility, via 15 interface options.

The new 400GE test module is available in both the high density, modular ValkyrieBay chassis which can hold up to six Thor-400G-7S-1P to deliver an impressive 2.4 Terabit test capacity.



Alternatively, customers can opt for the ValkyrieCompact chassis version (*above*): a lightweight desktop unit that Xena believes is the industry's smallest 400GE lab test solution.

“This is a highly versatile solution for performance and functional testing of network infrastructure and Ethernet equipment that support 400GE,” says Jacob Nielsen, CEO for Xena Networks. “Our customers are using it to validate the performance of switches, routers, NICs, TAPs, packet-brokers, and backhaul platforms.”

The new 200GE and 400GE speeds were introduced to satisfy soaring bandwidth demands from cloud-scale data centers, internet exchanges, co-location services, service provider networks, and other bandwidth intensive application spaces, while delivering better economies of scale and lower cost-per-port performance.

Early adopters are rushing to be first to market with 400GE-compliant devices and Xena's 400GE traffic generators are an essential part of this process.

“It takes significant engineering resources to manufacture a reliable test module capable of meeting the exacting standards of IEEE 802.3bs\*,” says Jacob Nielsen. “Xena is proud to be one of the very few companies capable of delivering a robust, fully featured 400GE test module at an affordable price per port.”

Xena’s first 400GE customers include semiconductor manufacturers and telecommunications providers, and sales partners have seen a surge of interest from tech giants among cloud service providers.

“Rigorous testing and multivendor interoperability are invaluable for the deployment of 400GE to accelerate,” Jacob Nielsen points out. “We will therefore be making our 400GE traffic generator available at Ethernet Alliance’s [Higher Speed Networking Plugfest for 200/400G Ethernet](#)\*\* early next month in Durham New Hampshire.”

**PRICING**

See bundled pricing of Thor-400G-7S-1P test modules: <https://xenanetworks.com/valkyrie-bundles/>

**RESOURCES**

- Visit the product page: <https://xenanetworks.com/unique-7-speed-400ge-test-module/>
- Read Xena’s 400GE White Paper: <https://xenanetworks.com/Xena-400GE-white-paper/>

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**About Xena Networks**

Xena develops low-cost, easy-to-use, and flexible Ethernet test solutions. Valkyrie, their core test platform, provides Layer 2-3 traffic generation and analysis - from 1G through to 400G, in a variety of form factors, while Vulcan is their platform for testing stateful Layer 4-7 TCP traffic. Xena has won Frost & Sullivan’s “Global Gigabit Ethernet Test Equipment Price Performance Value Leadership Award” on multiple occasions, as well as a series of Lightwave Innovation awards. The company was founded in 2007 in Denmark and markets its products through a global network of partners.

For more information, visit: <http://xenanetworks.com/>

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*\*Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers, and Management Parameters for 200 gigabit per second (Gb/s) and 400 Gb/s Operation)*

*\*\* The 400GE is being hosted by [UNH-IOL](#) during the week of December 3-7, 2018*

