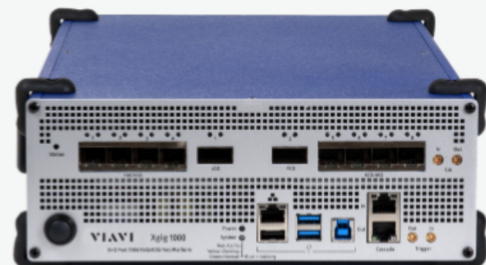# VIAVI
Integrated Protocol Analysis Platforms
Compute, Storage and Transport Line Overview

PCIe Analyzers/Exercisers/Jammers

SAS and SATA

Fibre Channel and Gigabit Ethernet

Powerful and Versatile PCIe Testing Solutions

With each generation of PCIe, speed and bandwidth have doubled, making the PCIe testing process more challenging as data capture, storage and visualization processes grow in complexity. VIAVI specializes in configuration and protocol testing/analysis and has introduced some of the most advanced and functional platforms in the industry. Our components are flexible, cost effective, easy to operate, and accelerate set-up time, testing time and promote speed to market.

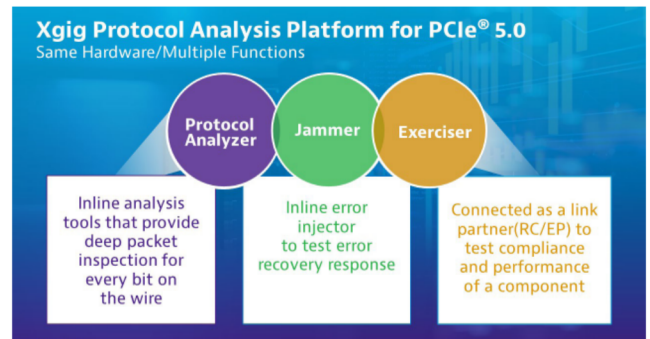| Chassis		
	Analyzer/Exerciser/Jammer Platforms	16-Lane 8-Lane
Interposers		
	Host Test Stand	16-Lane
	CEM	16-Lane 8-Lane 4-Lane
	EDSFF E1S, E1L	8-Lane
	U.2 U.3	4-Lane
	U.2 CEM	4-Lane
	M.2	4-Lane
	SFF-8674	4-16 Lane
	Flying-Lead	4-16 Lane
	Oculink Slimline	4-16 Lane

Proud Member of the PCI-SIG

A PCI-SIG member company, VIAVI platforms enable testing to PCI-SIG compliance and interoperability specifications.

Multiple Functions on a Single Platform for Equipment Optimization and Reduced TCO

Our PCI Express® Xgig® platform supports legacy data rates – as well as single or multiple Analyzer, Exerciser and Jammer functions on the same chassis. This approach provides users with the ability to optimize equipment to best meet operational and budgetary requirements. We have also added Analyzer bifurcation capabilities that enable multiple users and simultaneous tests on same platform for additional operational and cost efficiencies.

Xgig Protocol Analysis Platform for PCIe® 5.0
Same Hardware/Multiple Functions

Protocol Analyzer — Inline analysis tools that provide deep packet inspection for every bit on the wire

Jammer — Inline error injector to test error recovery response

Exerciser — Connected as a link partner(RC/EP) to test compliance and performance of a component

Support for Alternate Protocols

Our PCIe5 offering supports alternate protocols like NVMe and CXL.

Robust Software Tools Suite for all Xgig Platforms

Xgig Expert™

User-friendly interface that aids in rapid data interpretation, performance analysis and troubleshooting.

Xgig Serialytics™

Builds on Xgig Expert to expose hidden behaviors and events in a trace. Enhances contextual debugging and provides smart analytics for serial protocols.

MLTT

Medusa Labs Test Tools suite is an application-based data and signal integrity testing tool enabling developers to identify, locate and resolve errors through stress testing.

Related Analyzer Platforms: SAS and SATA – Ethernet – FC/FCoE – NVMeoF

Xgig 1000 24 Gbps SAS Solution

Fully integrated, stand-alone system with 3, 6, 12 and 24 Gbps SAS multi-functions (Analyzer and Jammer)

Xgig 6G SAS and SATA Analyzer

Fully integrated, stand-alone system with 3 and 6 Gbps SAS/SATA multi-functions (Analyzer, Jammer)

Xgig 1000 32/128G FC and 25/50/100 GE Analyzer

Extensive Xgig capabilities and flexibility provide unmatched network visibility to more easily identify and resolve problems, accelerate new product design, and speed time-to-market.

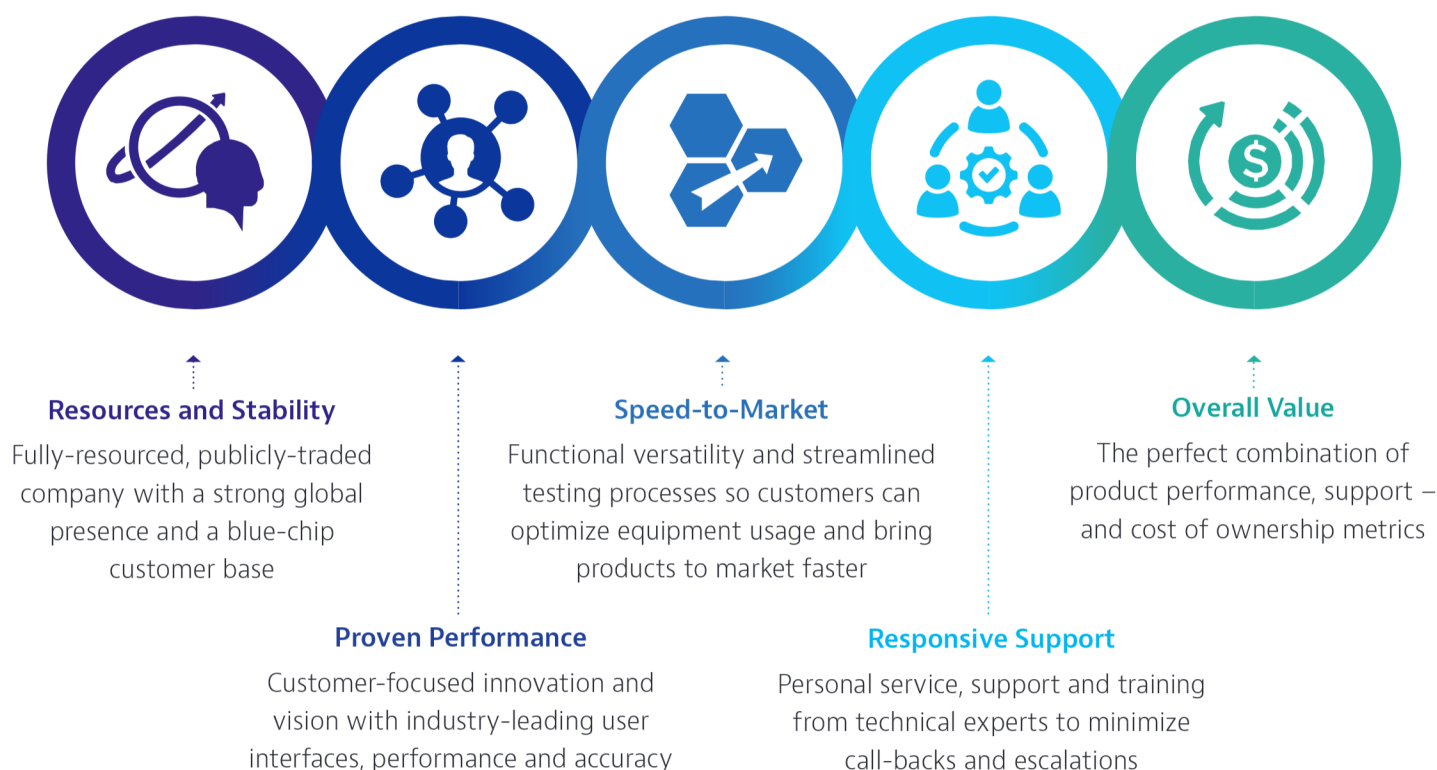### Xgig 1000 16G Fibre Channel and 10G and 40G Ethernet Portable Analysis and Test Platform

Comprehensive multiprotocol analysis, load testing, and error injection for all SAN/NAS technologies.

A century of leadership for complex test, measurement and instrumentation solutions

VIAVI is a global provider of network test, monitoring and assurance solutions for communications service providers, enterprises, network equipment manufacturers, government and avionics. With a heritage that dates back nearly a century, we have grown organically and through acquisition to become a highly-resourced company, intensely focused on helping our customers harness the power of instruments, automation, intelligence and virtualization to Command the Network.

VIAVI Solutions by the Numbers

$1.14B ANNUAL REVENUE (FY20)

4100+ EMPLOYEES

350+ CHANNEL PARTNERS

50 GLOBAL OFFICES

Over **1,600,000** INSTRUMENTS IN USE AROUND THE WORLD

100,000 DATA CENTERS RELY ON VIAVI

200+ SERVICE PROVIDER NETWORKS

2133 PATENTS ISSUED

Why VIAVI for Integrated Protocol Analysis Solutions?

Resources and Stability
Fully-resourced, publicly-traded company with a strong global presence and a blue-chip customer base

Speed-to-Market
Functional versatility and streamlined testing processes so customers can optimize equipment usage and bring products to market faster

Overall Value
The perfect combination of product performance, support – and cost of ownership metrics

Proven Performance
Customer-focused innovation and vision with industry-leading user interfaces, performance and accuracy

Responsive Support
Personal service, support and training from technical experts to minimize call-backs and escalations

PCI-SIG®, PCIE® and the PCI HOT PLUG design mark are registered trademarks and/or service marks of PCI-SIG.

VIAVI Solutions

Contact Us **+1 844 GO VIAVI**
(+1 844 468 4284)

To reach the VIAVI office nearest you, visit viavisolutions.com/contact

viavisolutions.com