

SANBlaze Launches NVMe Test Drive Platform

Littleton, MA — SANBlaze, a leading innovator in embedded computing and storage emulation, is proud to announce the launch of the [NVMe Drive Test Platform](#). This innovative appliance allows 2.5" NVMe drives to be connected to a host system, creating an easy to use test and development platform for drive vendors. It enables customers to perform engineering debug, quality assurance and validation in small scale lots.

NVMe (Non-Volatile Memory Express) provides a standards-based approach for PCI Express (PCIe) solid state storage access that significantly improves performance by reducing latency and streamlining the command set, while providing support for security and end-to-end data protection.



David Maruska, SANBlaze's Director of Hardware, explained, "The outstanding performance NVMe provides is a game changer in the storage industry. Applications ranging from transactional processing, with increased IOPs, to data recording, with the increased writes, coupled with the decreasing costs of flash storage, makes this platform a home run!"

The NVMe test backplane, together with the SANBlaze test software, allows developers of NVMe storage devices the ability to reliably QA their product by running test scenarios in the lab before release. The platform provides development teams with tools to do tradeoff analysis of power versus performance and FW/HW changes or enhancements. Users can also use the NVMe test platform against their own host system via the USB control port to induce errors and ensure the reliability of their own storage system. When used with a SANBlaze NVMe host initiator, the system allows for a variety of test scenarios to be run. This includes I/O performance testing, NVMe conformance testing, automated hot plug testing and error injection.

The NVMe test platform is available now in single and dual port configurations.

Key applications include:

- NVMe Drive testing and development
- Voltage/Power measurement and validation
- Signal Integrity, Subsystem Performance, dual path, performance, scalability and error handling testing.
- Storage software, SAN management software verification
- Failover and Multipath Simulation

NVMe Test Platform Features:

- Supports 4-lane (Single) and 2x2-lane (Dual) PCIe devices
- Supports a total of 8 DUT's dual path or 16 DUT's single path
- External power source - 110V/220V AC, single phase
- NVMe connector savers (interposer boards)
- Hot swappable devices under test
- Status and power indicators
- Power margining
- Power measurements and insertion count

About [SANBlaze](#)

SANBlaze Technology, Inc. is a pioneer in SAN Emulation technologies and a leading provider of storage solutions for embedded systems. SANBlaze emulation products provide storage engineers, test, QA and manufacturing teams with scalable, high performance and configurable emulated environments for FCoE, iSCSI, Fibre Channel, SAS and NVMe targets and initiators. SANBlaze emulation systems are installed at most major storage hardware and software vendors worldwide.