

DATASHEET

Key Applications

- Ideal tool for Fibre Channel HBA, switch, infrastructure and software testing in a real world, wire speed environment.
- Product Development
- QA and Test Applications
- Boundary and exception testing
- Performance and stability testing
- Error Injection

FEATURES

- 2, 4, or 8 Fibre Channel Ports running at either 2, 4 or 8 Gbps
- NPIV Support
- Can create up to 512 “virtual” disks or LUNS per port
- Up to 512 LUNS per target
- 1 - 65 Targets per port
- Scripting allows for controlled testing
- Scripting library provides predefined and editable tests
- Simple and easy to use Web based configuration



SANBlaze VirtuaLUN™

The SANBlaze VirtuaLUN 8G Fibre Channel target emulation system delivers an extremely cost effective approach to 8G Fibre Channel device testing. The VirtuaLUN emulates Fibre Channel Disk Drives for read/write performance testing environments, with no initiator side software changes required. The VirtuaLUN system reduces the need to deploy large farms of physical “scratch” disks, providing high performance, non-volatile disk media at a fraction of the cost of physical disks.

The VirtuaLUN system comes configured with 2, 4, or 8 fibre channel ports running at 2, 4 or 8 Gbps. Each port can be configured to present from 1 to 512 virtual “disks”, each with a configurable size. A fully configured system can present over 2000 LUNs into the test environment, providing a huge cost savings over building the same capability using real disk drives.

The ability to add latency, have differing read/write sizes, inject a wide variety of errors and save and restore multiple disk configurations provides a flexible and invaluable tool for development, test and QA labs.

The SANBlaze VirtuaLUN occupies a 1U rack space, providing test labs with a highly optimized test environment in a compact footprint. An integrated, easy to use web based interface allows configuration, re-configuration, error injection and monitoring from any remote system.

Quick Start Menus and predefined tests enable rapid setup and deployment:

Ordering Information and options:

Part Number	Description
SB-VLF-XY-Z-S	10G FCOE VirtuaLUN
X = FCOE ports	2 or 4
Y = Fibre Channel Ports	0,2,4 or 8 (2 ports of FC limits to 2 ports of FCOE)
Z = Memory	8 or 32G (8 port systems available only with 32G)
S – Software	T= Target Mode I = Initiator Mode TI= Both
Example: SB VLF-08-32-T	FC VLUN with 8 FC Ports 32 Gbytes of memory – Target only

For more information please visit the SANBlaze web site at: www.sanblaze.com or send email info@sanblaze.com.



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 and QA teams with scalable, high performance and configurable emulated environments for Fibre Channel, SAS and FCOE targets and initiators.

SANBlaze Technology, Inc. • 5 Clock Tower Place, Suite 100 • Maynard, MA. 01754 • Ph: (978) 897-1888 • Fax: (978) 897-3171

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