



Solution Brief: StorNext® File System

Econnectix Corp.

14 N. Peoria, Suite 2H
Chicago, IL 60607

T: (312) 850-3308
F: (312) 850-3930
sales@econnectix.com

Econnectix Xpress Disk

Improve StorNext Performance

Whether you are considering Quantum StorNext®, or you already depend on it, you may not know how easy it is to improve its performance. Plug in an Econnectix XMC (Xpress Disk for Metadata Controllers), and see StorNext performance jump to new levels. Installation is as easy as replacing your StorNext metadata controller (MDC) drive.

StorNext performance has been benchmarked on an XMC and an enterprise disk array equipped with cache. Highlights of XMC acceleration for StorNext include:

- Improve file-create rates by 400% or more
- Change metadata dumps from I/O-bound to CPU-bound
- Change file system checks from I/O-bound to CPU-bound

In StorNext testing, the Econnectix XMC's **worst-case performance outperformed the best-case cache performance** of a major enterprise disk array. And what about XMC's *typical* performance? There's nothing typical about it: XMC provides consistent performance from light to heavy load, and low-latency response times like never before seen with your StorNext deployment.

You already understand how valuable StorNext can be — now imagine its value with new performance under the hood. Inexpensive to purchase and easy to install.

Device Specifications

The Econnectix XMC is an enterprise-class accelerator product. It arrives as a standard Fibre Channel (FC) appliance, with four standard FC ports (expandable to 14). Entry-level system performance scales beyond 400,000 IOPS, compared to roughly 220 IOPS for the fastest 15k RPM SCSI hard drive available today. Data access latency to host is less than 30 microseconds — 120x faster than the fastest SCSI drives. An entry-level XMC provides gigabytes/second throughput. You can scale XMC performance by adding more XMC units or more FC ports to create the fastest storage available.

Contact Us

Please request additional information by email at sales@econnectix.com or by calling (312) 850-3308.