Data Center & Virtualized IT

Storage solutions for the growing demands of Data center and Virtualized data

DELIVERING THE HIGHEST QUALITY OF SERVICE AT THE LOWEST TOTAL COST OF OWNERSHIP.

FANTASY?

As the need for virtualization and storage solutions continues to increase, enterprise and cloud architects and data center managers are challenged to deliver the highest quality of service at the lowest possible total cost of ownership. Nfina Technologies is committed to helping you improve availability and performance and increase application and data protection while reducing infrastructure and management costs. Our data center, virtualization, entertainment and cloud solutions are both secure and compliant to large-scale infrastructure and high-technology environments of modern enterprises.

Nfina's 4U rack-mount Storage Area Networks (SANs) offer fully redundant, no single-point-of-failure primary storage systems with flexible open-standards-based storage solution for mission-critical, high-availability applications and IT infrastructure. Our SANs also provide Active-Active Failover that can be configured for NFS or iSCSI 10GbE connectivity and are built with high performance LSI® *MegaRAID®* controllers, delivering a high value SAN solution.

Economical storage solutions for
Data Center & Virtualized IT

Nfina's 612i22s SAN is our most cost-effective, highest density offering while the 814i24s SAN is our highest performance primary storage solution. An easy-to-use GUI provisions up to 60TB of SATA storage onboard which can be easily extended to 500TB by adding Nfina 602 JBOD storage expansion units. The Nfina SANs configured with best-in-class SSD drives delivers blazing speed and high reliability at a value unmatched in the industry. They are well suited for applications that demand the highest speeds possible when retrieving data from storage.

Nfina can help your business realize the benefits of virtualization and cloud computing while maintaining the integrity and availability of mission critical information. Nfina Technologies' products are extremely flexible and customizable to meet your requirements. Nfina's SAN Solutions are the perfect combination of value and performance delivering reliability and scalability to your critical data and software applications.

Data centers face a number of challenges. Two of the most critical of these are space constraints and power usage. Space is at a premium in a data center. The cost of cooling a data center and power considerations make each square foot precious and expensive. Servers and storage devices generate heat, and cooling a data center consumes a great deal of energy. Because business enterprises of many descriptions depend on the devices in a data center for critical computing and storage, power must be a priority, including interruptible power supplies and back-up generators. A business entity setting up a rack of equipment in a data center must choose the equipment carefully to insure they are selecting the most efficient equipment in order to get maximum value.

To insure this need is met, Nfina offers servers that can be configured with one or two processors, and a selection of Intel® Processors with up to 8 cores. The ability to select the processing power needed means that more can be done with less of a footprint in the data center, a place where a large footprint translates to more expense.

The Nfina 300 series servers are engineered for energy efficient performance, including:

- *12V power input*
- *High efficiency VR components and design*
- *80 Plus Gold certified power supplies*
- *User-definable fan speed controls*

Nfina has connectivity covered as well. 1GB and 10GB Ethernet connections plus Fibre channel means Nfina devices can meet the needs of the application, be it economy or speed.

The end result is an array of flexible computing and storage platforms that provide the best available performance at a price that sets the standard for value.