

# EonNAS® 3200 Unified Storage System



## Highlights

- Consolidate file (CIFS, NFS, AFP, HTTP, FTP) and block (iSCSI) services for efficient utilization, management and protection
- Comprehensive data services at no additional costs
- User-friendly web-based GUI for easy management
- Flexible capacity scaling (up to 60 drives) accommodates rapidly growing data
- Thin-provisioning optimizes capacity utilization and simplifies storage planning and monitoring
- Fault-tolerant hardware design, RAID protection, snapshot and replication functionality ensure enterprise-class data availability

IT environments often include multiple storage infrastructures to accommodate various types of data and achieve different service levels. The scattered boxes for direct-attached storage (DAS), storage area network (SAN) and network-attached storage (NAS) configurations lead to poor utilization and complicated management. Infotrend's EonNAS 3200 is an easy-to-use, entry-level unified storage solution. At affordable costs, it provides enterprise-level scalability and data services. With EonNAS 3200, small businesses, remote/branch offices or enterprise departments can deal with both file-based and block-based applications in the most efficient way.

### Easy Consolidation

Infotrend's EonNAS 3200 is a cost-effective solution for consolidating datacenters. The competitively-priced system delivers good price/performance and provides comprehensive software features without license fees. Combining file server and application storage into a single box, EonNAS 3200 can simultaneously process data blocks transferred through IP SAN and support file-sharing between Windows and Linux/Unix clients on Ethernet. With its easy-to-use startup wizard, even IT generalists lacking storage expertise can quickly initialize the system to serve database, email and unstructured data while improving IT efficiency.

### Simplified Management

Through an intuitive and user-friendly web-based interface, users can centrally configure, monitor, maintain and protect multiple EonNAS 3200 systems. EonNAS management software provides users with a complete system view ideal for monitoring long-term or real-time system status. Users can easily perform efficient tuning, accurate planning and quick troubleshooting. When any abnormal events are detected, the management software will automatically notify users so that pro-active measures can be taken to prevent downtime. The comprehensive management features make it easy to optimize EonNAS 3200 for business productivity.

### Flexible Scalability

The "scale as needed" flexibility of EonNAS 3200 allows users to accommodate tomorrow's applications while satisfying their current needs. For capacity expansion, EonNAS 3200 can connect with expansion enclosures to accommodate a maximum of 60 drives. Its included thin-provisioning capability optimizes capacity utilization by providing just-in-time capacity to applications when data is written. Besides lowering total cost of ownership (TCO), the intelligent technology also simplifies management tasks of capacity planning and volume utilization tracking.

### High Availability

To keep applications and services up and running, EonNAS 3200 is designed to operate with high availability. During drive failure, hardware-based RAID protection can ensure continuous data accessibility and integrity. To protect valuable data sets against more critical threats, EonNAS 3200 also offers snapshot and replication functionality. Space-efficient snapshots can serve as granular recovery points, based on which files can be restored and data can be rolled back. Full data copies created within and across storage systems can be readily leveraged to resume production when the original data is corrupt. By employing data protection features of EonNAS, users can obtain the highest data availability with minimum system downtime in case the storage is damaged by logical errors, physical errors, or disasters.

## EonNAS 3200



<b>Architecture</b>	
Processor	One (1) Intel® Core™ 2 Duo
Memory	4GB for the server node Default 512MB, up to 1GB for back-end storage
Host Connectivity	Two (2) 10/100/1000 Base-T Ethernet Ports
Drive Connectivity	Exclusively 3Gb/s SAS (up to 12 drives per system)
<b>Supported Drives<sup>1,2</sup></b>	300GB or 450GB - 3.5" 15,000 RPM 3Gb/s SAS drives 300GB, 450GB or 600GB - 3.5" 15,000 RPM 6Gb/s SAS drives
Expansion Enclosure (JBOD)	ES S12S-J1000-G <sup>3</sup>
Controller	Single
Host Connectivity	Two (2) 3Gb/s SAS 4x wide ports
Drive Connectivity	Exclusively 3Gb/s SAS (up to 12 drives per system)
Power Supplies	Dual redundant 460W
Form Factor <sup>4</sup>	2U, 19-inch rackmount
<b>Max. Drives (via JBOD)</b>	60
<b>Form Factor<sup>4</sup></b>	2U, 19-inch rackmount
<b>Power Supplies</b>	Dual redundant 380W
<b>Technical Highlights</b>	
File Level Protocol	NFS, CIFS, AFP, HTTP, FTP
Block Level Protocol	iSCSI
Operating System Support <sup>1</sup>	Windows Server 2003, Windows Server 2008, 2008 R2 (including Hyper-V), Red Hat Enterprise Linux, SUSE Linux Enterprise, Sun Solaris, Mac OS X, VMware
RAID Level	0, 1(0+1), 3, 5, 6, 10, 30, 50, 60
Data Service Features	Storage virtualization; snapshot; remote replication; thin provisioning; NDMP
Management	10/100 Base-T Ethernet management port; SNMP; dashboard monitoring; configurable alerts; start-up wizard
Security	Virus protection; NIS, AD and LDAP directory services
<b>Service and Support<sup>5</sup></b>	
Standard Service	3-year limited hardware warranty and 8x5 phone, web and email support
Upgrade/Extension Options	3-year replacement part dispatch on the next business day Advanced Service: 3-year 24x7 phone, email and web support + onsite diagnostics on the next business day Premium Service: 3-year 24x7 phone, email and web support + onsite diagnostics in four hours

<sup>1</sup> For the latest compatibility details, please contact our sales representatives.

<sup>2</sup> Operating system requires 2GB disk drive capacity.

<sup>3</sup> Supports the same drives as EonNAS storage systems.

<sup>4</sup> For detailed dimensions, please refer to the Infotrend website.

<sup>5</sup> All EonNAS systems are shipped with Standard Service.