

StorTrends® 3200ia 3U ADVANCED IP-SAN Appliance



The StorTrends 3200ia is a 3U IP-SAN and NAS Storage Solution with sixteen hot-swappable SAS or SATA Drives for up to 32 TB of storage capacity, with the full-featured Advanced version of StorTrends iTX 2.7 Data Storage Software. This dual dialect storage appliance can be deployed in existing Ethernet networks and has the capacity to support the entire data storage needs of corporations and institutions. Ideal for both primary and secondary storage, it provides many enterprise-class features at a price that is attractive to small and medium sized businesses (SMBs).

Support for iSCSI enables block applications like Microsoft® Exchange and Oracle® to be deployed on the same server as traditional file services and storage. The Volume Replication features of the StorTrends 3200ia allows data to be stored on multiple StorTrends appliances at multiple sites. The OS-agnostic High Availability module allows for two StorTrends nodes to be configured in an Active/Active High Availability setup for maximum uptime and reliability. The StorTrends 3200ia also features a Continuous Data Protection (CDP) module for protection against data loss in the event of a catastrophe.

HARDWARE FEATURES

Hardware	StorTrends 3200ia ADVANCED IP-SAN
Form Factor	3U, 16 bay
Weight	45 lbs. / 20.4 kg
Dimensions	5.2" (132 mm) H x 17.2" (437 mm) W x 25.5" (648 mm) D
Power Supply Redundant	Yes
Power Supply Hot-swappable	Yes
Fan Hot-swappable	Yes
CD-ROM Drive	Yes
Hard Drive Bays	16
Hard Drive Interface	SATA or SAS Hard Drives Available
Drives Hot Swappable	Yes
Available SATA Hard Drives	250 GB, 500 GB, 750 GB, 1 TB, 2 TB
Maximum Capacity with SATA	4 TB, 8 TB, 12 TB, 16 TB, 32 TB
Available SAS Hard Drives	146 GB, 300 GB, 450 GB, 600 GB
Maximum Capacity with SAS	2.3 TB, 4.8 TB, 7.2 TB, 9.6 TB
Processor (CPU)	Dual-Core Intel® Xeon® Processor 5000 Series
Number of Processors	2 processors
Memory	4 GB DDR2
Network Interface Controller (NIC)	Four (4) Gigabit Ethernet ports (optional up to 6 NICs)
RAID Controller	LSI Logic MegaRAID® SAS 8888ELP RAID Controller
RAID Support	0, 1, 5, 6, 10, 50, 60



StorTrends iTX Control Panel

SOFTWARE FEATURES

iSCSI Support	Yes
NAS Support	Yes
Advanced Snapshot Module	Yes
Maximum Number of Snapshots	1022 snapshots per appliance
Synchronous Replication	Yes
Asynchronous Replication	Yes (Snapshot Assisted, Journal Assisted)
Snapshot Assisted Replication (SAR)	Yes
Journal Assisted Replication (JAR)	Yes
WAN Data Services (WDS)	Yes
OS-agnostic High Availability (HA)	Yes
Continuous Data Protection (CDP)	Yes
Thin / Auto Provisioning	Yes
Information Lifecycle Management	Yes
Capacity Expansion with StorTrends 3201j JBOD	Yes



StorTrends iTX Capacity Monitor Screen

Each StorTrends IP-SAN and NAS Appliance features dual dialect StorTrends iTX Data Storage Software. The features included in the ADVANCED version of StorTrends iTX are shown above.

StorTrends®
storage without boundaries™



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