

# StorTrends<sup>®</sup> 3600i

## Dual Controller All Flash SAN



### High Performance Storage Array for I/O-Intensive Applications

The StorTrends 3600i combines enterprise-level performance and functionality with a price tag intended for small- to medium-sized organizations. With an all-inclusive feature set that includes inline deduplication and compression, advanced snapshots, replication, and WAN optimization to name a few, the 3600i has a starting price of \$24,999 to meet the needs of IT and Finance alike. The StorTrends 3600i also boasts a deduplication and compression ratio of up to 35:1 – effectively breaking the barriers of traditional SSD capacity limitations. Additionally, the 3600i utilizes two different types of solid-state drives – one optimized for write IO and the other for read IO. StorTrends leverages these drives as both a Write Tier and Read Tier in order to take advantage of the drives’ benefits and maximize both performance and lifespan throughout the system.

Founded on over 100 storage patents and three decades of leadership in the technology industry, the 3600i was architected from the ground up to provide the performance that companies require at a price they can afford. Overall, the StorTrends 3600i’s unique optimization of SSD potential and rich history as a leading storage innovator make it the ideal storage solution for companies seeking the highest levels of performance, an unrivaled inclusive feature set, and a budget-friendly price point.

### StorTrends Value

- All-Inclusive Feature Set
- Specialized Read & Write Tiers
- Inline Deduplication & Compression
- On-System Encryption Options
- Innovative Data Placement Algorithm
- Volume-Based Quality of Service
- WAN Optimized Replication (WDS)
- Zero Downtime Maintenance
- Application Aware Snapshots
- Active/Active or Active/Passive Configurations
- Snap-Assisted Replication
- Compression & Data Dedupe
- Thin & Exact Provisioning
- Data Archiving & Disaster Recovery
- Network Teaming
- Live Capacity Expansion
- VMware vSphere Plugin
- Best-in-Class User Interface
- Advanced RAID-RT
- Intuitive Setup Wizards for Quick Configuration
- Real-Time Alert Monitoring

### Hardware Features

Hardware	StorTrends 3600i All-Flash SAN			StorTrends 3610i All-Flash SAN		
Maximum Capacity w/Expansion Shelves	64TB (does not support expansion shelves)			256TB (supports up to three expansion shelves)		
Flash Drive Configurations	<b>Write Tier</b>	<b>Read Tier</b>	<b>Total Drives</b>	<b>Write Tier</b>	<b>Read Tier</b>	<b>Total Drives</b>
	4 Drives	12 Drives	16 Drives	4 Drives	12 Drives	16 Drives
				6 Drives	10 Drives	16 Drives
Processors	Two Intel Xeon QuadCore Processors (one per controller)			Four Intel Xeon QuadCore processors (two per controller)		
Memory	64GB (32GB per controller)			192GB (96GB per controller)		
Network Connectivity	8 x 1GbE NICs OR 4 x 10GbE NICs with 4 x 1GbE NICs					
RAID Support	RAID-RT supporting 1, 5, 6, 10, 50, 60					
Form Factor	3U, 16 bay					
Weight	96 lbs.					
Dimensions	17.2" x 5.2" x 24.2" (437 x 132 x 615 mm)					

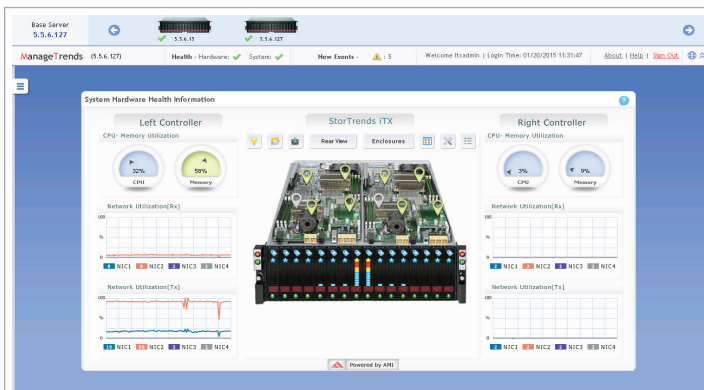
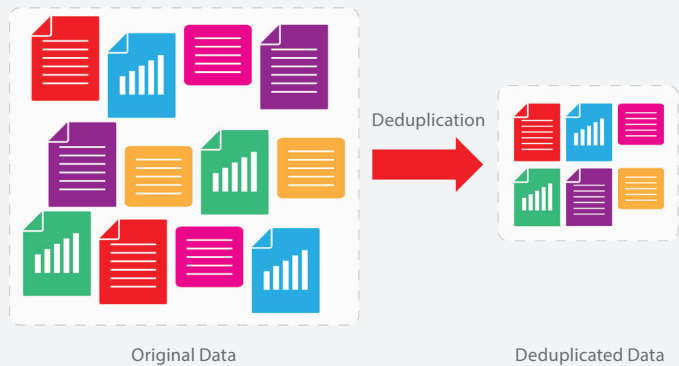
## Feature Highlight

Deduplication is a technique for reducing the amount of storage space needed to save data. Most storage systems contain duplicate copies of data, whether it's the same file saved in different places by several users, or files that are not identical but still include the same data. In these cases deduplication eliminates extra copies, saves a single copy of the data and replaces other copies with shortcuts that lead back to the original copy.

Deduplication is primarily used to reduce the amount of disk or tape needed, which in turn directly reduces costs, reduce network bandwidth required for backup processes, and can sometimes speed up the backup and recovery process.

## Data Deduplication

Saves Money, Space & Time



Simplifying Management with ManageTrends

*"We have long been aware of the advantages of flash over spinning disk, but from a budgetary standpoint it did not previously make sense to deploy on a large scale. However, with the price of flash coming down, it made sense to explore. After a careful review, we found that StorTrends offered a full-flash solution that we felt had superior features and functionality over that of other flash competitors -- at a fraction of the cost. In fact, the pricing was actually quite comparable to that of a spinning disk solution."*

Ryan Kelly, Manager of Technical Services  
Cross IT Services

# StorAID™

## Support

- 24x7 Phone Support from AMI's Atlanta Headquarters
- Onsite hardware replacement in NBD or 4-hour support
- StorAlert Monitoring for Alerts and Predictive Failures
- Hardware and Software Warranty
- Choice of 1, 3 and 5 year terms with 1 year renewal option
- Maintenance Upgrades and Updates to StorTrends Software
- Free training on the StorTrends Appliance during installation



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