

# StorTrends 2610i

## All Flash Dual Controller IP-SAN



### StorTrends 2610i Specifications

Chassis	2U Dual Controller – 24 Drive Bays
Raw Capacity (TB)	10.96 - 68.80
Usable Capacity (TB)	7.86 - 51.84
Effective Capacity (TB)	18 - 256
Max Storage Pool Capacity (TB)	256
Max # of Expansion Shelves	3 (Head + 3)
RAID Options	RAID RT Supporting RAID 1, RAID 5, RAID 10 or RAID 50
Hot Spare Options	Yes
Hot Tier SSD Capacities	480GB, 960GB, 1.92TB, 3.84TB
Cold Tier SSD Capacities	480GB, 960GB, 1.92TB, 3.84TB
SSD Drive Types	eMLC Write Intensive (Hot Tier) MLC Read Intensive (Cold Tier)
SSD Endurance Protection	Yes, EnLift Cache
Max IOPS (8K 100% Read)	231,000 IOPS
Mixed IOPS (8K 70% Read/30% Write)	117,400 IOPS
Max IOPS (8K 100% Write)	61,500 IOPS
Deduplication	Yes
Compression	Yes
Thin Provisioning	Yes
Snapshots	Yes
Replication (WAN Optimization)	Yes
Advanced Caching	Yes
ManageTrends GUI	HTML5
Hypervisor Certified Support	VMware ESXi, Microsoft Hyper-V, Citrix Xen, KVM

### 2610i Physical Specifications

Chassis Dimensions (HxWxD)	3.5" x 17.2" x 26.75" (88mm x 437mm x 679mm)
Chassis Weight	85 lbs (38.6 kg)
Power Supplies	1200W Redundant Power Supplies
CPU	4x Intel Xeon E5-2620V4 2.1GHz
Memory	192GB RAM
Network Connectivity	4x 10GbE Network Ports & 4x 10G SFP+ Ports (Add-On NICs Available)

### 2202j Expansion Shelf Specifications

Expansion Shelf	2U Chassis – 24 Drive Bays
Expansion Shelf Dimensions (HxWxD)	3.5" x 19" x 22" (88mm x 483mm x 559mm)
Expansion Shelf Weight	30.86 lbs (14 kg)
Raw Capacity (TB)	10.96 - 68.80
Usable Capacity (TB)	7.86 - 51.84
Effective Capacity (TB)	18 - 256
Max Storage Pool Capacity (TB)	256
Power Supplies	300W Redundant Power Supplies

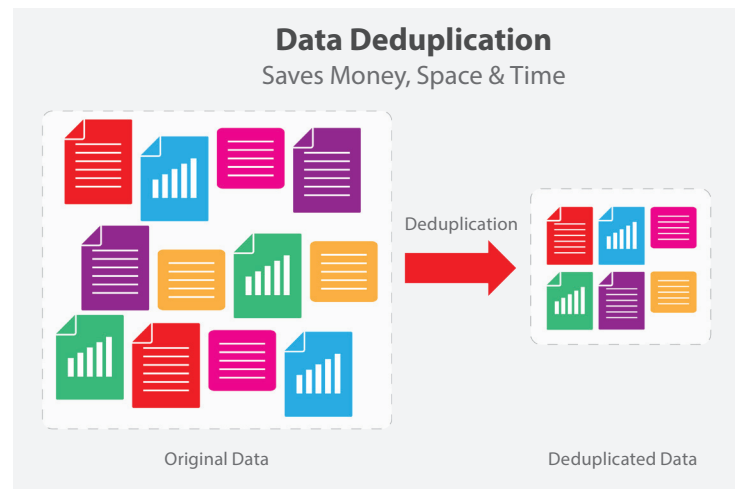


### The Perfect All Flash Dual Controller IP-SAN Array

Are you looking for an iSCSI All Flash SAN? If so, look no further than the StorTrends 2610i All Flash Dual Controller IP-SAN to meet all of your requirements. From high performance, low latency, enterprise class features and low cost - all from a market-proven technology veteran with thousands of installations worldwide. The StorTrends 2610i All Flash Array is the most cost effective All Flash Dual Controller IP-SAN in market, and with average latency below 1ms and performance metrics above 231,000 IOPS, the StorTrends 2610i is the perfect All Flash Array for centralized storage, mixed workloads, VDI and high performance applications.

### High Performance with Dedupe & Compression

The 2610i offers both Deduplication and Compression for superb space savings. StorTrends Customers see on average a 4:1 dedupe and compression ratio in virtualized environments. With dedupe and compression enabled, a mixed workload of 8K blocks split into 70% Read I/O and 30% Write I/O achieves 117,400 IOPS. StorTrends deploys a split tier within the 2610i for hot data and cold data. The hot data is stored in a non-deduped, non-compressed tier for extreme performance. When data within this tier becomes infrequently accessed, it is then deduplicated and compressed while being migrated down into the cold tier. Both the hot and cold tiers are comprised of SSDs allowing for extreme IOPS and sub-1ms sustained latency.



## SSD Endurance with EnLift Cache

SSD Endurance is a major concern for customers and rightfully so. Many AFAs in the market are using consumer grade low-end SSDs that only offer limited DWPD (Drive Writes Per Day). Without any protection, the low-end consumer grade SSDs wear out and require replacement within an enterprise storage array. The StorTrends 2610i takes SSD Endurance to a new industry standard with its patented EnLift Cache. EnLift Cache is a patented cache buffer comprised of enterprise class SSDs that offer a whopping 10 DWPD (Drive Writes Per Day). This means that 2TB per day can be written to a 200GB enterprise class SSD for a period of 5 years before the SSD will run out of endurance. The StorTrends 2610i architecture was designed to utilize the enterprise class SSDs to mitigate intensive wear on the system and therefore significantly increase the lifespan of all drives within the array.

## Experience Creates Value

StorTrends has been architected to leverage the highest performance and most cost-effective SSDs in the market today while incorporating superior space savings technologies such as deduplication and compression. With StorTrends, customers can expect to reduce their physical storage footprint by up to 75% thanks to the remarkable data compaction technologies architected in the 2610i. StorTrends has been a RAID expert in the storage industry since 1995. AMI's deep understanding of how data is written and stored has allowed StorTrends to architect the most efficient All Flash Array in the market while creating unsurpassable value.

## More Than Just Support

53% of the StorTrends revenue is driven by repeat business. This is a true testament to the quality of the StorTrends Products and the level of service from the Support staff. In 2016 Customer Surveys, we are rated a perfect 10 out of 10 by StorTrends Customers for overall support experience. StorTrends only employs engineers to work within our Support Team, meaning when customers contact Support, they will be directly connected with an experienced storage engineer. AMI believes that superior support is tantamount to building long-term relationships and retaining customers who have already been relying on AMI products for decades.



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