

4700i

2500i

1301i

## Comparison of StorTrends Models

### StorTrends 1301i - Entry-Level Storage

**Form Factor:** 1U Rack-Mount

**Capacity:**

- 4 hot-swappable SATA drives
- 10TB, 12TB, 16TB, or 20TB  
– with a total raw storage capacity of 80TB

**Key Features:**

- Dual-dialect iTX software for block & file data transfer
- Supports iSCSI, IP-SAN, and NAS
- Advanced Snapshots (up to 8,048 per appliance)
- Volume Replication (Synchronous & Asynchronous)
- WAN Optimization with Deduplication & Encryption
- Redundant Power Supply & Smart UPS Support

**Ideal For:**

Small businesses or departments needing cost-effective storage with enterprise features.

1301i

Perfect for **small businesses** looking for cost-effective, reliable storage, typical use case of File server , Back-up , Archival ,Affordable Disaster Management –DR with any StorTrends Family storage from Data centre (DC)



2500i

Offers scalable storage with enhanced security, making it ideal for **medium-sized businesses**, typical use case of performance storage up to 2000 IOPS, File server, Back-up, Archival.



### StorTrends 2500i - Mid-Range Storage

**Form Factor:** 2U Rack-Mount

**Capacity:**

- 12 hot-swappable Enterprise SAS 10000RPM ,NL-SAS 7200RPM, SATA 7200RPM drives
- Enterprise-grade SATA drives from 2TB to 20TB per drive (up to 240TB raw storage capacity)

**Key Features:**

- iTX 6.0 Data Storage Software
- Supports iSCSI, IP-SAN, and NAS
- Advanced Snapshots (up to 16,384 per appliance)
- Asynchronous Replication with WAN Data Services (WDS)
- Software RAID (5, 6, 50, 60 & 10)
- Redundant 500W Power Supply & Smart UPS Support
- Network Teaming for improved data transfer

**Ideal For:**

Growing enterprises requiring scalable storage with advanced replication and security features.



## StorTrends 4700i - Enterprise Grade Storage

**Form Factor:** 4U Rack-Mount, Dual-Controller

### Capacity:

- 24 hot-swappable Enterprise SAS 10000RPM, NL SAS or SSD drives
- All Flash Array, Hybrid storage with SSD + Spinning drives supporting (2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB, 20TB)
- Supports JBOD expansion, up to 1PB raw storage capacity

### Key Features:

- Hybrid storage architecture (HDD + SSD caching)
- StorTrends iTX 5.0 software with Auto Tiering & ILM
- Advanced Snapshots (up to 8,048 per appliance)
- Dual-controller for high availability (HA) & auto-failover
- Asynchronous Replication with WAN Optimization
- VMware, Microsoft Hyper-V, and Citrix Xen compatibility
- SSD Cache Support for superior read/write speeds
- Smart Monitoring for proactive failure alerts

### Ideal For:

Large-scale enterprises requiring high-performance demand storage with redundancy and disaster recovery capabilities.

**4700i**

Provides **enterprise-grade**, high-performance storage with robust redundancy for mission-critical applications, typical use case for Oracle Database, Sql Database, Large virtualised server environment with Performance demand



TECHNICAL SPECIFICATIONS	1301i	2500i	4700i
Model Type	IP-SAN/NAS- Unified Storage	IP-SAN/NAS- Unified Storage	IP-SAN
Controllers	Single	Single	Dual
Form Factor	1U	2U	4U
Drive Bays	4 drive bays	12 drive bays	24 drive bays
SATA/NL-SAS 7.2K RPM Drives	1TB, 2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 16TB, 20TB	1TB, 2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 16TB, 20TB	1TB, 2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 16TB, 20TB
SAS 10K RPM Drives	NA	900GB, 1.2TB, 2.4TB	900GB, 1.2TB, 2.4TB
SSD Drives	NA	NA	960GB, 1.96TB, 3.84TB, 7.2TB SSD
Max RAW Capacity	80TB Raw Capacity SATA 7200RPM	240 TB Raw Capacity (SATA/NL-SAS) 28 TB Raw Capacity (10K SAS)	1000TB Usable