# A12T3-Share

*The Thunderbolt 3 Shareable Storage Solution for Your Desktop*

With four Thunderbolt 3 ports available, the new 12-bay Thunderbolt Shareable storage solution offers a convenient and swift means for editing and transferring high resolution content. The A12T3-Share is capable of reaching transfer speeds of up to 2600 MB/s and can reach storage capacity of up to 120 TB.

## The New T-Share Expansion feature offers more capacity and EIGHT Thunderbolt ports!

By utilizing T-Share Expansion, users are able to pair two A12T3-Share devices doubling the available Thunderbolt 3 ports to eight. Each port provides rapid transfer speeds and allows large workgroups to simultaneously collaborate on projects with extreme workflow efficiency.
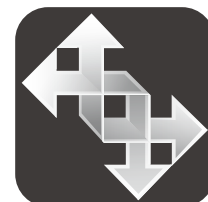
## The Features

- The 1st - ever shareable Thunderbolt 3 storage
- Thunderbolt interface support DAS and SAN
- A shareable 12-bay tower storage array for 4 users
- Support 3 JBOD enclosures
- Linking two A12T3-Share storage subsystems (T-Share Expansion) will provide 8 Thunderbolt 3 which allows 8 hosts to access the RAID volumes of these two storage subsystems

Thunderbolt 3          SAN Scalability          T-Share Expansion
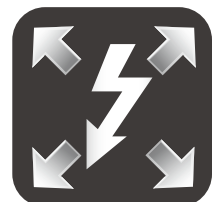
## The Performance

- Performance speeds of up to 2600MB/s can be reached with the A12T3-Share when accessing the storage device from a single host
- Linking two A12T3-Share devices provides speeds of up to 5000MB/s when accessing the storage devices from multiple (2~8) hosts

## System and Controller

| | |
|---|---|
| System Type | 12-bay Tower RAID system |
| Host Interface | Thunderbolt 3 x 4, QSFP x 1 |
| Disk Interface | SAS/SATA |
| Disk Type | 3.5"/2.5"/SSD |
| Data Transfer Rate | Thunderbolt 3: 40 Gb/s; QSFP: 32 Gb/s |
| Cache Memory | 2G DDRIII 1866 with ECC-protected |

## RAID Controller Functions

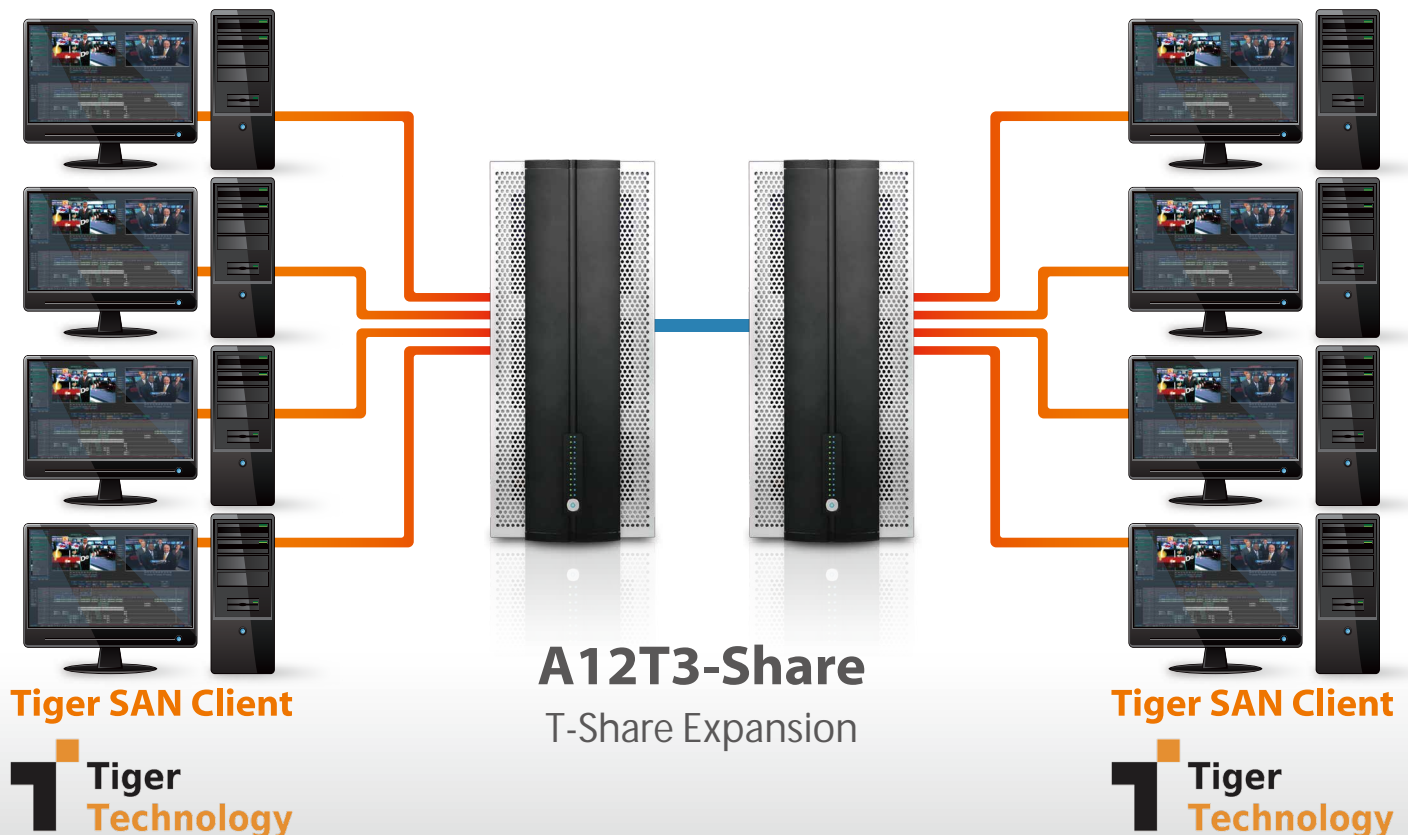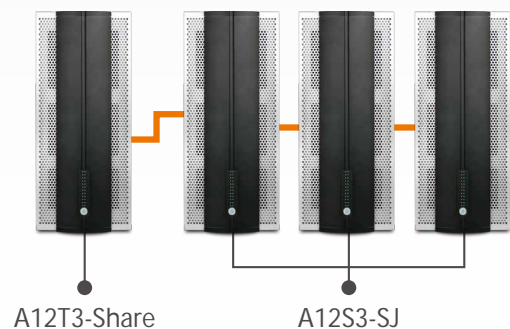| |
|---|
| Online RAID Set Expansion and RAID Level Migration |
| Online bad block data recovery and reallocation |
| Online disk scrubbing with data refresh and parity |
| Disk health monitoring by S.M.A.R.T |
| Array Roaming and Drive Traveling |
| Mirror Snapshot for fast backup and restore |
| Disk Lag Proof Technology to guarantee disk timely response |
| Equalization Mode to smooth the performance of sequential I/Os and reduce large fluctuation |

## Management

| | |
|---|---|
| Java-based RAIDGuard X GUI | |
| Event log saving in text file for quick troubleshooting | |
| Event notification by email (SMTP) | |
| LED indicator for RAID & disk drives status in front | |
| 400W (Single or Redundant). 110V~240V power supply | |
| Two 12cm x 12cm Fan with Smart Fan Control feature | |
| Dimensions | L: 369mm, W: 175mm, H: 394.6mm |
| Weight | 15.2kg/33.5 lbs |

### JBOD Expansion Diagram



A12T3-Share          A12S3-SJ



**Tiger SAN Client**


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T-Share Expansion

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