

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 can reach transfer speeds of up to 2,600 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

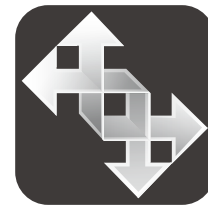
- The 1st - ever shareable Thunderbolt 3 storage solution
- Thunderbolt interface supports DAS and SAN
- A shareable 12-bay tower storage array for 4 users
- Supports 3 JBOD enclosures
- Linking two A12T3-Share storage subsystems (T-Share Expansion) will provide 8 Thunderbolt 3 ports which allows 8 hosts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

The Performance

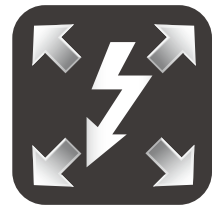
- Performance speeds of up to 2,600 MB/s can be reached with the A12T3-Share when accessing the storage device from a single host
- Linking two A12T3-Share devices provides speeds of up to 5,000 MB/s when accessing the storage devices from multiple (2~8) hosts



Thunderbolt 3



SAN Scalability



T-Share Expansion

A12T3-Share Specification

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

