

Gamma 12

Imagination, without Hesitation -
Thunderbolt™ 3 takes it to the limit



12 Bay



Thunderbolt 3



JBOD Expansion



Delivering not only the raw speed you need, but also the sustained transfer rates to ensure hiccup-free processing and playback of high-datarate content. The Gamma 12 deploys two Thunderbolt™ 3 ports, editing two streams of 4K DPX (4096 x 3112 @24p) at up to a blistering 2600 MB/s. Plus, you can expand as much as you need by creating any number of disks in JBOD configuration, or by daisy-chaining devices.

String it all together

With the integration of Daisy Chaining capability, connect up to six devices, to simultaneously take advantage of the blazing transfer speeds of Thunderbolt 3™.

Key Features

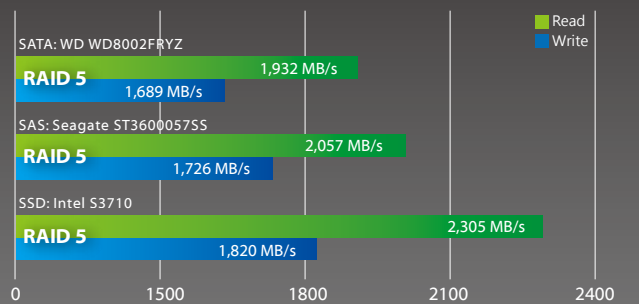
- 2 Thunderbolt™ 3 interface supports DAS
- 12-bay tower RAID system storage array for MAC/Windows users
- Up to 2,600 MB/s transfer speeds
- Reach storage capacities of 480TB (using 10TB hard disks)
- Supports daisy-chaining up to 6 Thunderbolt 3 devices
- Whisper-quiet at only 45dB, Gamma12 reduces fatigue in the workplace and won't impact audio monitoring.

Simultaneous Video Streams

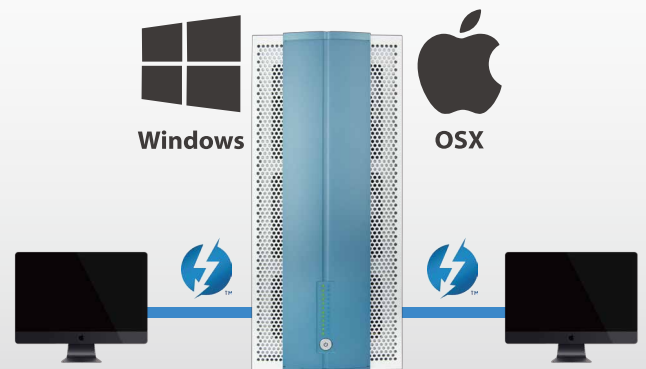
2	4K DPX 4096 x 3112 24p
8	2K DPX 2048 x 1556 24p
12	Uncompressed 1080i 1920 x 1080 24p (10bit RGB)
42	Apple ProRes 4444 2048 x 1152 24p

Sequential Bandwidth

Mac Pro - AJA System Test



P.S : Due to the limitation of Thunderbolt 3 cables and hard drives, RAID 5 supports read speed up to 2,600MB/s and write speed up to 1,700 MB/s.



Specification

System and Controller

System Type	12-bay Tower RAID system
Host Interface	2 x Thunderbolt 3 daisy-chain ports
Disk Interface	SAS/SATA
Disk Type	3.5"/2.5"/SSD
Data Transfer Rate	40 Gb/s
Cache Memory	2G DDRIII 1866 with ECC-protected

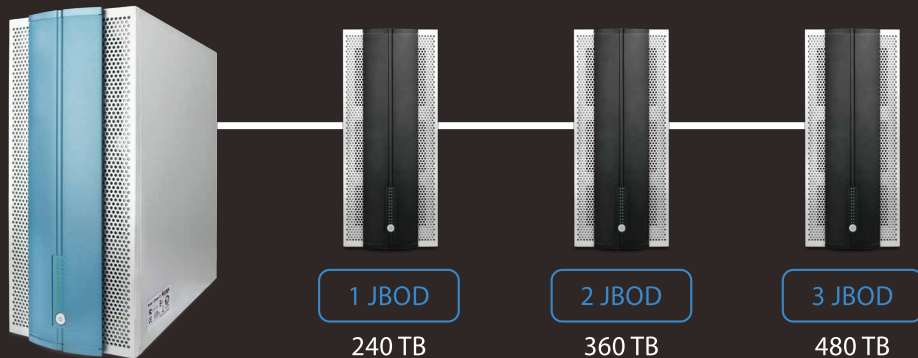
RAID Controller Functions

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

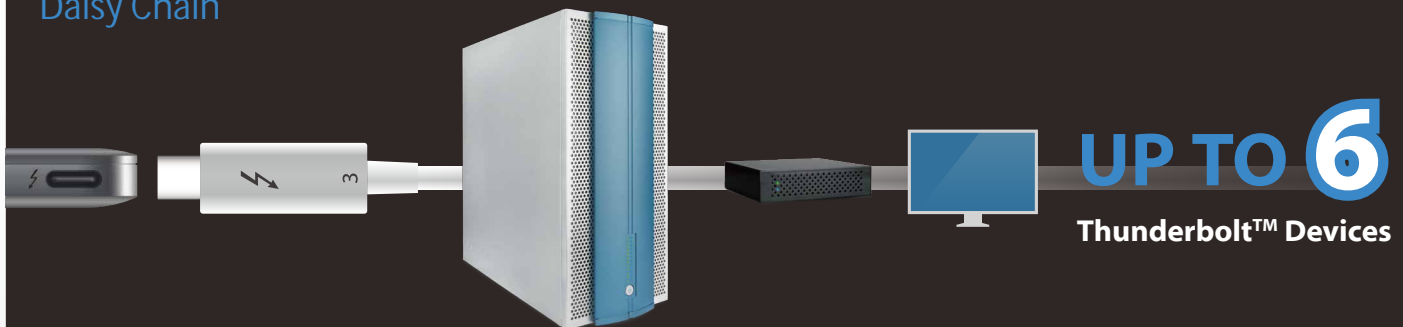
Management

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 (Redundant). 110V~240V power supply	
Two 12cm x 12cm Fan with Smart Fan Control feature	
Dimensions	L: 369mm, W: 175mm, H: 394.6mm
Weight	15.22kg / 33.55 lbs

JBOD Expansion



Daisy Chain



Accusys
The RAID Architects

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www.youtube.com/user/AccusysExaSAN

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