

ThunderMAX = Maximum Storage = Max Flexibility, MAX Performance and MAX Reliability

All Test Results are based on actual tests using BMD Disk Speed Test

NOTE: GREEN = WINNER, BLUE = Second, RED = Worst

Thunderbolt Raid Storage Configuration and Comparison						1 Beyond ThunderMAX		Drobo		Promise	
Raid Configuration	# of Disks	Size of Disks	Raid Capacity	Useable Capacity	Thunderbolt # Ports	MBPS Read	MBPS Write	MBPS Read	MBPS Write	MBPS Read	MBPS Write
Raid 5	4	4TB HDD	16TB	12TB	1	550	500	184 (N3,4)	256 (N3,4)	<300 (N1)	?
Raid 5	5	4TB HDD	20TB	16TB	1	650	600	384 (N3,4)	206 (N3,4)	598 (N2)	?
Raid 5	8	4TB HDD	32TB	28TB	1	1000	850	NA	NA	705 (N2)	?
Raid 5	5	1TB SSD	5TB	4TB	1	1150	1100	NA	NA	?	?
Raid 5	6	1TB SSD	6TB	5TB	1	1150	1100	NA	NA	?	?
Raid 5	8	1TB SSD	8TB	7TB	1	1150	1100	NA	NA	?	?
Raid 5	16	1TB SSD	16TB	15TB	1	1150	1150	NA	NA	NA	NA
Raid 50	16	1TB SSD	16TB	14TB	2	1950	>2000	NA	NA	NA	NA
Raid 60	16	1TB SSD	16TB	12TB	2	1950	>2000	NA	NA	NA	NA
Raid 6	24	1TB SSD	24TB	22TB	1	1150	1150	NA	NA	NA	NA
Raid 60	24	1TB SSD	24TB	20TB	2	1950	>2000	NA	NA	NA	NA

NA = Vendor does not offer this model for Thunderbolt connection

? = Vendor offers this model but Data not available from a reliable source

1150 = Maximum Storage Sustained Data Rate for Thunderbolt Storage (Real Sustained DR using BMD Speed Test)

>2000 = Sustained Data Rate Record for Apple Thunderbolt Storage (Real Sustained DR using BMD Speed Test)

Note 1 (N1): Source = Real world test results from AppleInsider.com

Note 2 (N2): Source = Real world test results from Larry Jordan, The TechBuzz

Note 3 (N3): Source = Real world test results from www.maclife.com/article/reviews/drobo_5d_and_drobo_mini_review

Note 4 (N4): Source = www.engadget.com/products/drobo/5d/ Drobo products on the "Do Not Recommend" list. Software Raid!

Note: 4K (4096 x 2160) Prores 444 data rates are (MB/sec):

24p 141	30p 177	60p 354
25p 148	50p 295	