

Host Environment

Server: SUPERMICRO X9SCL
CPU: Intel i3
Speed: 2100 @ 3.10GHz
Memory: 4GB DDR3
PCIe16 2.0: HA-LSI-9286-8E (External SAS RAID HBA)

Controller Parameter

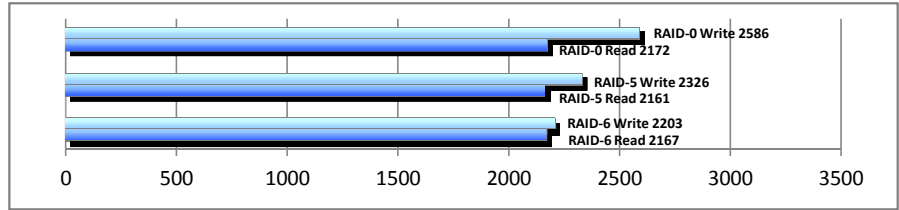
Model: EliteSTOR ES424X6+B
Interface: SAS - (SFF-8088) x2
HDD: 24 x OCZ Deneva 240GB SSD SATAIII (D2CSTK251M21-0240)

Power Consumption

Idle: 103 watts **Full Load:** 134 watts

Crystal Disk Mark 3

File Size: 4 GB
Intervals: 9
Tests: RAID 0/5/6



Controller	RAID	Action	MB/s
9286-8E	RAID-0	Write	2586
9286-8E	RAID-0	Read	2172

Controller	RAID	Action	MB/s
9286-8E	RAID-5	Write	2326
9286-8E	RAID-5	Read	2161

Controller	RAID	Action	MB/s
9286-8E	RAID-6	Write	2203
9286-8E	RAID-6	Read	2167

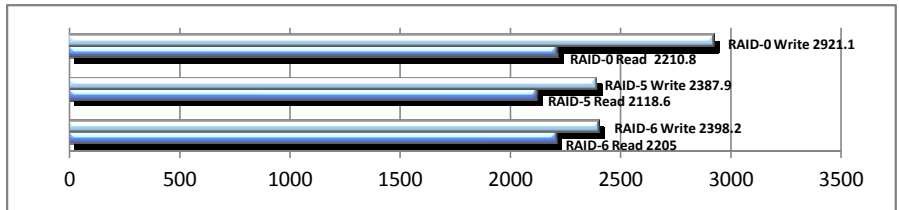
Test	Read [MB/s]	Write [MB/s]
All	2172	2586
Seq	793.5	2014
512K	37.25	87.57
4K	460.8	161.9

Test	Read [MB/s]	Write [MB/s]
All	2161	2326
Seq	716.5	532.0
512K	34.31	13.10
4K	431.0	14.61

Test	Read [MB/s]	Write [MB/s]
All	2167	2203
Seq	716.3	540.8
512K	34.17	12.85
4K	429.5	14.32

AJA Video Systems

Software: AJA Video Systems
Version: System Test
File Size: 16GB
Mode: RAID 0/5/6



Controller	RAID	Action	MB/s
9286-8E	RAID-0	Write	2921.1
9286-8E	RAID-0	Read	2210.8

Controller	RAID	Action	MB/s
9286-8E	RAID-5	Write	2387.9
9286-8E	RAID-5	Read	2118.6

Controller	RAID	Action	MB/s
9286-8E	RAID-6	Write	2398.2
9286-8E	RAID-6	Read	2205

Test	Write [MB/s]	Read [MB/s]
Disk Read + Write Test	2924.1	2210.8

Test	Write [MB/s]	Read [MB/s]
Disk Read + Write Test	2387.9	2118.6

Test	Write [MB/s]	Read [MB/s]
Disk Read + Write Test	2398.2	2205.0