

Host Environment

Server: SUPERMICRO X9SCL
CPU: Intel i3
Speed: 2100 @ 3.10GHz
Memory: 4GB DDR3
PCIe16 2.0: HA-ARC-ARC1882X (External SAS RAID HBA)

Controller Parameter

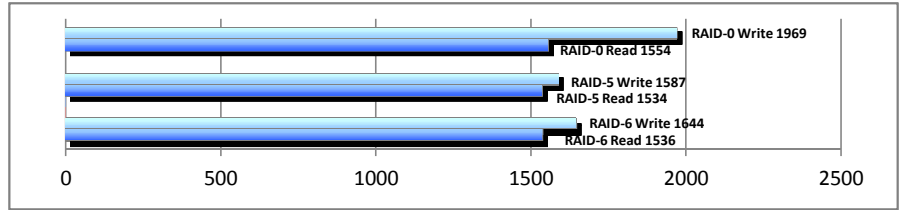
Model: EliteSTOR ES424X6+B
Interface: SAS - (SFF-8088) x2
HDD: 24 x OCZ Deneva 240GB SSD SATAIII (D2CSTK251M21-0240)

Power Consumption

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

Crystal Disk Mark 3

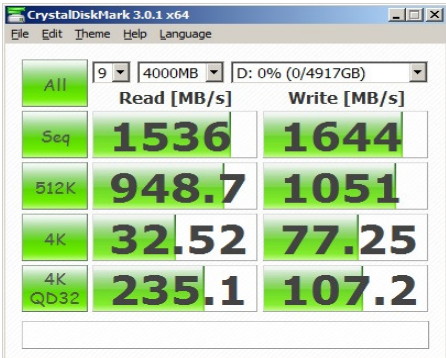
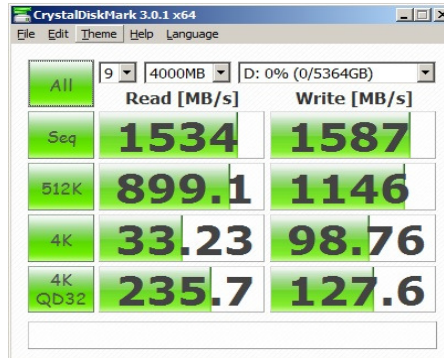
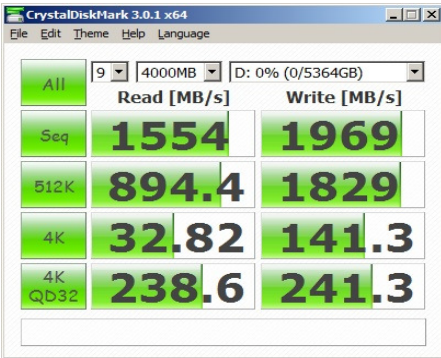
File Size: 4 GB
Intervals: 9
Tests: RAID 0/5/6



Controller	RAID	Action	MB/s
ARC1882X	RAID-0	Write	1969
ARC1882X	RAID-0	Read	1554

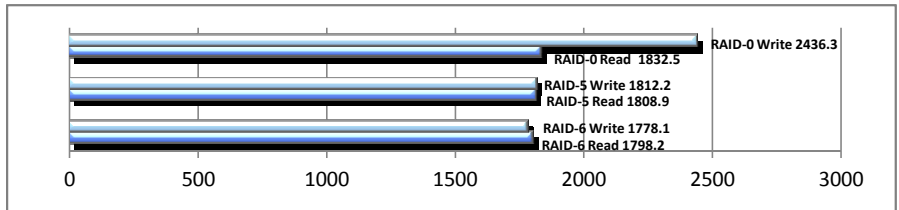
Controller	RAID	Action	MB/s
ARC1882X	RAID-5	Write	1587
ARC1882X	RAID-5	Read	1534

Controller	RAID	Action	MB/s
ARC1882X	RAID-6	Write	1644
ARC1882X	RAID-6	Read	1536



AJA Video Systems

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



Controller	RAID	Action	MB/s
ARC1882X	RAID-0	Write	2436.3
ARC1882X	RAID-0	Read	1832.5

Controller	RAID	Action	MB/s
ARC1882X	RAID-5	Write	1812.2
ARC1882X	RAID-5	Read	1808.9

Controller	RAID	Action	MB/s
ARC1882X	RAID-6	Write	1778.1
ARC1882X	RAID-6	Read	1798.2

