

ARC7108 Performance Report

iSCSI	MB/S	MB/S		eSATA	MB/S	MB/S
1 port	R0	R5		1 port	R0	R5
64K SW	108.23	107.61		64K SW	411.55	359.55
SR	108.24	107.31		SR	417.19	421.79
4K SW	75.4	69.08		4K SW	136.98	138.65
SR	114.56	113.73		SR	143.43	146.29
iSCSI	MB/S	MB/S		USB 3.0	MB/S	MB/S
4 port	R0	R5		1 port	R0	R5
64K SW	316.76	299.47		64K SW	278.46	254.17
SR	419.54	422.99		SR	261.13	258.61
4K SW	126.38	131.05		4K SW	35.43	35.16
SR	145.42	142.76		SR	34.66	34.35

Setup Information

Test Setup

Test Environment			
Platform	SuperMicro X8DTL-i		
Processor(s)	XEON W5590@3.33GHz X1		
RAM	6GB (DDR3-1333GHz.)		
Chipset	Intel® 5500		
Test Hard Driver x12	Samsung SSD 850 Pro 128GB * 8		
I/O Performance	IOmeter 2006.07.27 Streaming Write\Streaming Read Random Write\Random Read		
OS	Microsoft Server 2012R2 Enterprise		
BIOS	R2.1b		
Areca Raid Controller Information			
Model	ARC5066BL	Test Date	2016.9.30
F/W	v1.54 2016.9.21	BOOT	v1.54 2016.9.21
Stripe size	64K	Volume size	1000GB