

# ARC8050U3-6 Report

ARC-8050U3-6 (MB/s)							
HDD Type	RAID Level	AJA (macOS)		Block Magic (macOS)		Iometer (Windows)	
		Write	Read	Write	Read	Write	Read
SSD	R0	990	968	943.9	906.9	1059.317	1036.303
	R5	880	963	854.7	858.8	936.131	1033.193
	R6	861	938	829.9	824.5	936.34	1034.872
SAS	R0	988	943	944.3	872.1	1055.445	1025.765
	R5	882	928	849.4	847.8	938.04	1000.333
	R6	878	864	848.3	812.6	932.049	914.002
SATA	R0	987	945	945.8	868.4	1059.258	1031.439
	R5	881	915	844.4	849.4	940.787	995.666
	R6	879	861	848.9	805.3	933.287	936.29

Test Information	
Model	ARC-8050U3-6
F/W	V1.55 2018-07-30
BOOT ROM	V1.55 2018-07-30
PL Firmware	15.0.2.0
macOS 10.13.4	MacBook Pro 2.6GHz Intel Core i7 / 16GB 2133 MHz LPDDR3
Windows 10 64bit	Intel Core i5-6400@ 2.70GHz / 8 GB memory / GA-Z170X-UD5 TH

HDD Information		
SanDisk SD9SN8W512G x 6 (SSD)	Firmware Version	X6104000
HGST HUH721010AL5200 x 6 (SAS)	Firmware Version	A21D
HGST HUH721212ALE600 x6 (SATA)	Firmware Version	LEGNT3D0
Raid Setup		
Raid 0 (R0)	64KB Stripe Size	
Raid 5 (R5)	64KB Stripe Size	
Raid 6 (R6)	64KB Stripe Size	

AJA System Test 2.1 (macOS)	
Resolution	4096x2160 4K-2160
Test File Size	16GB
Codec Type	10bit RGB
Black Magic design (macOS)	
Disk Speed Test	V2.1.1
Stress	5GB
Iometer 1.1.0 (Windows)	
Outstanding I/Os	32
Test Item	512K Sequential Write & 512K Sequential Read

Actual data rates may vary depending on operating environment, RAID mode, RAID configuration, disk model and disk performance.