

# Areca SAS/SATA Controllers SSD Compatibility Matrix

As of June-9-2015

Minimum testing for listed Solid State Drives consists of recognition on each RAID adapter model and data integrity I/O stress load.

The following table is the list of current qualified and supported Solid State Drives (SSD) drives.

Brand	Model Name	Capacity	Firmware	SATA 6Gb RAID Cards		SAS 6Gb RAID Cards		SAS 12Gb RAID Cards		Remark
				Simple Test	Stress Test	Simple Test	Stress Test	Simple Test	Stress Test	
Adata	XPG SX900	256GB	5.0.1	Pass	Pass	Pass	Pass	--	--.	
Adata	XPG SX910	512GB	5.0.1	Pass	Pass	Pass	Pass	--	--.	
Crucial	CT128M4SSD2	128GB	009	Pass*1	Pass*1	Pass*1	Pass*1	--	--.	
Hitachi	HUSSL4040ASS60 (B)	400GB	A131	N.A.	N.A.	Pass	Pass	--	--.	SAS Interface
Hitachi	HUSML4040ASS600	400GB	A300	N.A.	N.A.	Pass	Pass	--	--.	SAS Interface
Intel	SSDSC2BB080G4	80GB	D2010355	Pass	--	Pass	--	--	--.	
Intel	SSDSC2BAxxxG301 (3700 Series)	100-800GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Intel	SSDSC2BBxxxG401 (3500 Series)	80-800GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Intel	SSDSA2CW160G3K5 (320 Series)	160GB	4PC10362	Pass	Pass	Pass	Pass	--	--.	
Intel	SSDSC2MH120A2K5 (510 Series)	120GB	PPG4	Pass	Pass	Pass	Pass	--	--.	
Intel	SSDSA2BZ100G3 (710 Series)	100GB	6PB10362	Pass	Pass	Pass	Pass	--	--.	
Kingston	SKC300S37A/480G (SSDNow KC300)	480GB	524ABBF0	Pass	--	Pass	--	--	--.	
Kingston	SE100S37/400G (SSDNow E100)	400GB	516ABBF0	Pass	--	Pass	--	--	--.	
OCZ	D2CSTK251M11-0240	240GB	2.15	Pass	Pass	Pass	Pass	--	--.	
OCZ	VTX3-25SAT3-240G (VERTEX3 Series)	240GB	2.15	Pass	Pass	Pass	Pass	--	--.	

Simple Test : No Error found in 1 week

Stress Test : No Error found in 1 month

# Areca SAS/SATA Controllers SSD Compatibility Matrix

Brand	Model Name	Capacity	Firmware	SATA 6Gb RAID Cards		SAS 6Gb RAID Cards		SAS 12Gb RAID Cards		Remark
				Simple Test	Stress Test	Simple Test	Stress Test	Simple Test	Stress Test	
OCZ	VTX4-25SAT3-128G (VERTEX4 Series)	128GB	1.5	Pass*1	Pass*1	Pass*1	Pass*1	--	--.	
OCZ	TL2CSAK2G2M1x-0240 (TALOS2 Series SAS )	240GB	2.22	N.A.	N.A.	Pass*2	Pass*2	--	--.	SAS Interface
Samsung	MZ7WDxxxHAFV	120-240GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Samsung	MZ7WDxxxHCFV	120-240GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Samsung	MZ7WD480HAGM	480GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Samsung	MZ7WD480HCGM	480GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Samsung	MZ7WD960HAGP	960GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Samsung	MZ7WD960HMHP	960GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Samsung	MZIES400HMGR	400GB	Upto 2015.05	N.A.		Tested by distributor		Tested by distributor		SAS Interface
Samsung	MZ-7PDxxx (840 Pro Series)	128-512GB	Upto 2015.05	Tested by distributor		Tested by distributor		Tested by distributor		
Seagate	ST200FM0013	200GB	E315	--	--.	--	--.	Tested by drive vendor		
Toshiba	THNSNJ256GCSU	256GB	JUXA0102	--	--.	Pass	Pass	--	--.	
Unigen	UGB884FA128HT1	128GB	5.0.6	Pass	Pass	Pass	Pass	--	--.	
Unigen	UGB88RRA120HM1	120GB	5.0.6	Pass	Pass	Pass	Pass	--	--.	

1. The 6Gb SAS RAID controller firmware must be 2013-1-3 or later
2. Resume SSD has problem.

Simple Test : No Error found in 1 week

Stress Test : No Error found in 1 month