

Areca 6Gb/12Gb SAS/SATA Controllers HDD Compatibility Matrix

As of June-9-2015

The Enterprise RAID-ready SATA drive goes beyond desktop-class disc drives to address the unique needs of nearline applications with higher reliability and smoother integration into multi-disc nearline applications.

The following table is the list of current qualified and supported SATA drives

Brand	Model Name	Capacity	Firmware	SATA RAID Controllers		SAS RAID Controllers		Remark
				Simple Test	Stress Test	Simple Test	Stress Test	
Hitachi	HUH728080ALE600	8TB	514	Tested by distributor		Tested by distributor		
Hitachi	HUS726060ALA640	6TB	1EN	Tested by distributor		Tested by distributor		
Hitachi	HMS5C4040ALE640	4TB	MPAOA3W0	Pass	Pass	Pass	--	
Hitachi	HUS724040ALE640	4TB	MJAOA3B0	--	--	Pass	Pass	
Hitachi	HUS724040ALA640	4TB	MFAOA8B0	Pass	--	Pass	--	
Hitachi	HUS723030ALS640	3TB	A220	--	--	Pass	--	
Seagate	ST6000NM0034	6TB	E001	Tested by distributor		Tested by distributor		
Seagate	ST6000NM0024	6TB	SN02	Pass	Pass	--	--	
Seagate	ST4000NM0033	4TB	0001	--	--	Pass	--	
Seagate	STx000NM0033	1-4TB	SN04	Tested by distributor		Tested by distributor		
Seagate	ST3000NC000	3TB	CNS1	--	--	Pass	--	
Seagate	ST2000NM0001	2TB	0002	--	-	Pass	--	
Seagate	ST2000NM0011	2TB	SN02	--	--	Pass	--	
Seagate	ST33000650NS	3TB	0001	--	--	Pass	--	
Seagate	ST91000640NS	1TB	SN01	--	--	Pass	--	
Seagate	ST32000644NS	2TB	SN11	--	--	Pass	Pass	
Seagate	ST31000524NS	1TB	SN11	--	--	Pass	Pass	
Toshiba	MG03ACA400	4TB	FL1A	--	--	Pass	--	

Simple Test : No Error found in 1 week

Stress Test : No Error found in 1 month

Areca 6Gb/12Gb SAS/SATA Controllers HDD Compatibility Matrix

Brand	Model Name	Capacity	Firmware	SATA RAID Cards		SAS RAID Cards		Remark
				Simple Test	Stress Test	Simple Test	Stress Test	
Toshiba	MG03ACA300	3TB	FL1A	--	--	Pass	--	
Toshiba	MG03ACA200	2TB	FL1A	Pass	--	Pass	--	
Toshiba	MK2002TSKB	2TB	MT2A	--	--	Pass	--	
WD	WD4001FFSX	4TB	81.00A81	Pass	Pass	Pass	Pass	
WD	WD4000FYYZ	4TB	01.01K01	Pass	Pass	Pass	Pass	
WD	WD4000F9YZ	4TB	01.01AX1	Pass	--	Pass	--	
WD	WD6000HLHX	600GB	04.05G04	--	--	Pass	Pass	
WD	WD2003FYYS-	2.0TB	01.01D01	--	--	Pass	Pass	
WD	WD1003FBYX	1.0TB	01.01V01	--	--	Pass	--	
WD	WD5003ABYX	500GB	01.01S01	--	--	Pass	--	
WD	WD2002FYPS-	2.0TB	04.05G04	--	--	Pass	Pass	

Simple Test : No Error found in 1 week

Stress Test : No Error found in 1 month

Areca 6Gb/12Gb SAS/SATA Controllers HDD Compatibility Matrix

Compatible issue on SAS drives is rare, so we do not qualified SAS drives a lot.

The following table is the list of current qualified SAS drives

Brand	Model Name	Capacity	Firmware	SAS 6Gb RAID Controllers		SAS 12Gb RAID Controllers		Remark
				Simple Test	Stress Test	Simple Test	Stress Test	
Hitachi	HUH728080AL5200	8TB	515	Tested by distributor		Tested by distributor		
Hitachi	HUS726060ALS640	6TB	280	Tested by distributor		Tested by distributor		
Seagate	ST6000NM0024	6TB	SN02	Tested by distributor		Tested by distributor		
Seagate	ST4000NM0023	4TB	0001	Pass	Pass	--	--	
Seagate	STx000NM0023	1-4TB	0004	Tested by distributor		Tested by distributor		
Seagate	ST600MP0035	600GB	E003	--	--	Pass	Pass	
Seagate	ST1800MM0018	1.8TB	E002	--	--	Pass	Pass	
Toshiba	AL13SEL900	900GB	6101	Pass	Pass	Pass	Pass	
Toshiba	MG04SCAx00E	1-4TB	0103	Tested by distributor		Tested by distributor		
Toshiba	MG03SCA400	3TB	1001	Pass	Pass	--	--	
Toshiba	MG03SCA300	4TB	1001	Pass	Pass	--	--	
Toshiba	MG03SCA200	2TB	1001	Pass	Pass	Pass	Pass	
Toshiba	MG03SCA100	1TB	1001	Pass	Pass	Pass	Pass	
WD	WD4001FYYG	4TB	VR02	Pass	Pass	--	--	

Simple Test : No Error found in 1 week

Stress Test : No Error found in 1 month