

eterio SAN MD & eterio SAN JBOD

Compatibility Matrix

Version 201906

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Disclaimer

1. The compatibility matrix is for reference purpose only. It is subject to update at any time without notice.
2. The compatibility test uses the versions as listed only.
3. Although the test may spend a few hours up to a few days, it does not guarantee the quality or reliability of these devices. The 3rd part device which has been listed means, that it can work with our product at the time when testing it.
4. If you don't find on the list HDDs/SSDs which you plan to use, it's doesn't mean, that this don't work with our solution - we just don't test it.

Revision History

Date	Version	Description
07.05.2019	201905	Add SAS 3.5" HDD - Toshiba MG07SCA**** (512e) Series in "SAS HDD".
25.04.2019	201905	Update SAS 2.5" HDD - Seagate Exos 15E900 Series in "SAS HDD".
29.01.2019	201902	Add SAS 3.5" HDD - Seagate Exos X14 Series in "SAS HDD".
29.01.2019	201902	Add SAS 3.5" HDD - Seagate Exos X14 Series in "SAS HDD".
23.11.2018	201812	Add SAS 3.5" HDD - Seagate Exos 7E8 (512n) Series in "SAS HDD".
		Add SAS 2.5" HDD - Seagate Exos 15E900 Series in "SAS HDD".
16.11.2018	201812	Add SAS 3.5" SSD - Western Digital Ultrastar DC HC530 Series in "SAS SSD".
13.11.2018	201812	Add SATA 2.5" SSD - Seagate Nytro 1351 SATA SSD Series in "SATA SSD".
09.11.2018	201812	Add SAS 2.5" SSD - Seagate Nytro 3330 SAS SSD Series in "SAS SSD".

Form Factor	Brand	Series	Model	Capacity	RPM	Interface	FW	Comment
3.5"	Seagate	Exos X14	ST14000NM0048	14TB	7.200	12Gb/s	E002	512e/4Kn
			ST12000NM0038	12TB				
			ST10000NM0528	10TB				
		Exos X12	ST12000NM0027	12TB				512e
			ST10000NM0096	10TB				
		Exos X10	ST8000NM0156	8TB				
			ST8000NM0075	8TB				
		Exos 7E8 Enterprise Capacity V.5	ST6000NM0095	6TB			ET04	512e, SED
			ST4000NM0125	4TB				
			ST2000NM0135	2TB				512n
			ST8000NM0085	8TB				
		Exos 7E8 Enterprise Capacity V.5	ST6000NM0195	6TB		6Gb/s	0101	512e
			ST4000NM0255	4TB				
			ST6000NM0245	6TB			0103	512e
			ST4000NM0025	4TB				
	Toshiba	MG07SCA**** Series	MG07SCA14TE	14TB			0102 0103	512e FW 0102 has some minor bugs, suggest to upgrade FW 0103
			MG07SCA12TE	12TB				
		MG04SCA**E* Series	MG04SCA60EE	6TB			1001	512n
			MG04SCA50EE	5TB				
			MG04SCA40EE	4TB				
			MG04SCA20EE	2TB				
		MG04SCA**0* Series	MG04SCA500E	5TB		12Gb/s	07A 3D0	512e, SE
			MG04SCA400E	4TB				
			MG04SCA300E	3TB			A21D 410	512e, ISE, Helium HDD
			MG04SCA200E	2TB				
		MG03SCA*** Series	MG03SCA400	4TB			40H	512e, SE
			MG03SCA300	3TB				
			MG03SCA200	2TB			519	512e, ISE
			MG03SCA100	1TB				
	Western Digital (HGST)	Ultrastar DC HC530	HUS721414AL5204	14TB			C907	512e, SE
			HUH721212AL5200	12TB				
		Ultrastar DC HC510 (He10)	HUH721010AL5200	10TB				
			HUH721008AL5200	8TB				
		Ultrastar DC HC320 (7K8)	HUS728T8TAL5204	8TB				
			HUS726T6TAL5204	6TB				
		Ultrastar DC HC310 (7K6)	HUS726T4TAL5204	4TB				
			HUS726060AL5210	6TB				
		Ultrastar 7K6000	HUS726050AL5210	5TB				
			HUS726040AL5210	4TB				
			HUS726020AL5210	2TB				
			HUS726060AL5214	6TB				
		Ultrastar 7K6000	HUS726050AL5214	5TB				
			HUS726040AL5214	4TB				
			HUS726020AL5214	2TB				
			HUS726020AL5214	2TB				

Form Factor	Brand	Series	Model	Capacity	RPM	Interface	FW	Comment	
2.5"	Seagate	Exos 10E2400	ST2400MM0129	2.4TB	10.000	12Gb/s	C003	512e / 4Kn	
			ST1800MM0129	1.8TB					
			ST1200MM0129	1.2TB					
			ST600MM0099	600GB					
		Exos 7E2000 Enterprise Capacity V.3	ST2000NX0273	2TB	7.200		E002	512e	
			ST1000NX0333	1TB					
		Exos 15E900	ST900MP0146	900GB	15.000			512e / 4Kn	
			ST600MP0136	600GB					
			ST300MP0106	300GB					
	Toshiba	AL14SXB**E* Series	AL14SXB90EE	900GB			10.500	0101 0102	512e
			AL14SXB60EE	600GB					
			AL14SXB30EE	300GB					
		AL13SXB**E* Series	AL13SXB60EE	600GB				0101	
			AL13SXB45EE	450GB					
			AL13SXB30EE	300GB					
		AL15SEB**E* Series	AL15SEB24EQ	2.4TB	10.500			0102	
			AL15SEB18EQ	1.8TB					
			AL15SEB12EQ	1.2TB					
			AL15SEB09EQ	900GB					
			AL15SEB06EQ	600GB					
		AL14SEB**E*x Series	AL14SEB18EQ	1.8TB			0101		
			AL14SEB12EQ	1.2GB					
			AL14SEB09EQ	900GB					
			AL14SEB06EQ	600GB					
		AL14SEB***N Series	AL14SEB120N	1.2TB			0102	512n	
			AL14SEB090N	900GB					
			AL14SEB060N	600GB					
	AL14SEB045N		450GB						
	AL14SEB030N		300GB						
	Western Digital (HGST)	Ultrastar C15K600	HUC156060CS4200	600GB	15.000		A703	512e/4Kn	
			HUC156045CS4200	450GB					
			HUC156030CS4200	300GB					
Ultrastar C10K1800		HUC101818CS4204	1.8TB	10.500	730				
		HUC101812CS4204	1.2TB						
		HUC101890CS4204	900GB						
		HUC101860CS4204	600GB						
		HUC101845CS4204	450GB						
Ultrastar C10K1800		HUC101818CS4200	1.8TB						
		HUC101812CS4200	1.2TB						
		HUC101890CS4200	900GB						
		HUC101860CS4200	600GB						
		HUC101845CS4200	450GB						

Form Factor	Brand	Series	Model	Capacity	Type	Interface	FW	Comment				
2.5"	Samsung	PM1633a	MZILS15THMLS	15.36TB	TLC	12Gb/s		1 DWPD				
			MZILS7T6HMLS	7.68TB								
			MZILS3T8HMLH	3.84TB								
			MZILS1T9HEJH	1.92TB								
			MZILS960HEHP	960GB								
			MZILS480HEGR	480GB								
	Seagate	Nytro 3530 SAS SSD	XS3200LE10003	3.2TB	3D eMLC		0001	3 DWPD				
			XS1600LE10003	1.6TB								
			XS800LE10003	800GB								
			XS400LE10003	400GB								
		Nytro 3330 SAS SSD	XS15360SE70103	15.36TB	3D eTLC		0001	1 DWPD				
			XS7680SE70103	7.68TB								
			XS3840SE10103	3.84TB								
			XS1920SE10103	1.92TB								
			XS960SE10003	960GB								
		Nytro 1200.2 SSD	ST3200FM0023	3.2TB	eMLC		A105	10 DWPD				
			ST1600FM0003	1.6TB								
			ST800FM0173	800GB								
			ST400FM0233	400GB								
		Nytro 1200.2 SSD	ST3200FM0033	3.2TB			eMLC	A102	10 DWPD, SED			
			ST1600FM0013	1.6TB								
			ST800FM0183	800GB								
			ST400FM0243	400GB								
		Nytro 1200.2 SSD	ST3840FM0003	3.84TB				eMLC	000	2~3 DWPD		
			ST3200FM0063	3.2TB								
			ST1920FM0003	1.92TB								
			ST1600FM0073	1.6TB								
			ST960FM0003	960GB								
			ST800FM0233	800GB								
			ST480FM0003	480GB								
			ST400FM0303	400GB								
		Nytro 1200.2 SSD	ST3840FM0023	3.84TB					eMLC	A102	2~3 DWPD, SED	
			ST3200FM0073	3.2TB								
			ST1920FM0023	1.92TB								
			ST1600FM0083	1.6TB								
			ST960FM0013	960GB								
			ST800FM0243	800GB								
			ST480FM0013	480GB								
			ST400FM0343	400GB								
		Toshiba	PX05SMB*** Series	PX05SMB320	3.2TB						0101	10 DWPD
				PX05SMB160	1.6TB							
				PX05SMB080	800GB							
				PX05SMB040	400GB							
		Western Digital (HGST)	Ultrastar DC SS530	WUSTM3232ASS204	3.2TB		MLC			C900	10 DWPD, SE	
				WUSTM3216ASS204	1.6TB							
				WUSTM3280ASS204	800GB							
				WUSTM3240ASS204	400GB							
			Ultrastar SS300	HUSMM3232ASS200	3.2TB			MLC		A100	10 DWPD, ISE	
	HUSMM3216ASS200			1.6TB								
	HUSMM3280ASS200			800GB								
	HUSMM3240ASS200			400GB								
	Ultrastar SS300		HUSMR3232ASS200	3.2TB	MLC					A100	3 DWPD, ISE	
			HUSMR3216ASS200	1.6TB								
			HUSMR3280ASS200	800GB								
			HUSMR3240ASS200	400GB								

Form Factor	Brand	Series	Model	Capacity	Type	Interface	FW	Comment
2.5"	Samsung	SM863a	MZ7KM1T9HMJP	1.92TB	6Gb/s	MLC	GXM5104Q	3.6 DWPD
			MZ7KM960HMJP	960GB				
			MZ7KM480HMHQ	480GB				
			MZ7KM240HMHQ	240GB				
	SanDisk	CloudSpeed Eco Gen II	SDLF1CRR-019T-1HA1	1.92TB		3D TLC	SF4400ZU	1 DWPD
			SDLF1CRR-960G-1HA1	960GB				
			SDLF1CRR-480G-1HA1	480GB				
	Seagate	Nytro XF1351 SATA SSD	XA3840LE10063	3.84TB		eMLC	ST200354	0.5~0.67 DWPD
			XA1920LE10063	1.92TB				
			XA960LE10063	960GB				
			XA480LE10063	480GB				
			XA240LE10003	240GB				
		Nytro XF1230 SATA SSD	XF1230-1A1920	1.92TB				
			XF1230-1A0960	960GB				
			XF1230-1A0480	480GB				
			XF1230-1A0240	240GB				

Form Factor	Brand	Series	Model	Capacity	RPM	Interface	FW	Comment
Legacy HDD SAS/SATA								
3.5"	HGST	Ultrastar He8	HUH728080ALS200 HUH728060ALS200	8TB 6TB	7.200	12Gb/s	515	512e, Helium HDD
		Ultrastar 7K4000	HUS724040ALS640 HUS724030ALS640 HUS724020ALS640	4TB 3TB 2TB		6Gb/s	A152	512n
			ST6000NM0034 ST4000NM0034 ST2000NM0034	6TB 4TB 2TB		12Gb/s	E005	512e
	Seagate	Enterprise Capacity V.4	ST6000NM0054 ST4000NM0054 ST2000NM0054	6TB 4TB 2TB			ET05	512e, SED
			ST6000NM0014 ST4000NM0014 ST2000NM0014	6TB 4TB 2TB			K001	4Kn
2.5"	HGST	Ultrastar C10K900	HUC109090CSS600 HUC109060CSS600 HUC109045CSS600 HUC109030CSS600	900GB 600GB 450GB 300GB	10.000	6Gb/s	A2D0	
	Seagate	Enterprise Performance 15K HDD 15K.5	ST600MX0052 ST300MM0012	600GB 300GB	15.000	12Gb/s	E004	512e, TurboBoost
			ST600MX0062 ST300MM0022	600GB 300GB			ET04	512e, TurboBoost, SED
			ST600MP0005 ST300MP0005	600GB 300GB			N003	512n
		Savvio 15K.3	ST9300653SS ST9146853SS	300GB 146GB		6Gb/s	0002	
			ST9146852SS ST973452SS	147GB 73GB				
		Enterprise Performance 10K HDD 10K.8	ST1800MM0018 ST1200MM0018 ST900MM0018 ST600MM0018	1.8TB 1.2TB 900GB 600GB	10.000	12Gb/s	E004	512e
			ST1200MM0007	1.2TB				
		Savvio 10K.5	ST9900805SS	900GB		6Gb/s	0001	

Form Factor	Brand	Series	Model	Capacity	Type	Interface	FW	Comment
Legacy SAS SSD								
2.5"	HGST	Ultrastar SSD800MH.B	HUSMH8080BSS200	800GB	MLC	12Gb/s	D300	25 DWPD, ISE
			HUSMH8040BSS200	400GB			D370 D300	25 DWPD, SED
			HUSMH8020BSS200	200GB				
			HUSMH8010BSS200	100GB				
			HUSMH8080BSS205	800GB				
			HUSMH8040BSS205	400GB				
			HUSMH8020BSS205	200GB				
			HUSMH8010BSS205	100GB				
		Ultrastar SSD1600MR	HUSMR1619ASS230	1.92TB			A2C0	3 DWPD
			HUSMR1616ASS200	1.6TB				
	HUSMR1610ASS200		1TB					
	HUSMR1680ASS200		800GB					
HUSMR1650ASS200	500GB							
HUSMR1640ASS200	400GB							
HUSMR1625ASS200	250GB							
Ultrastar SSD400M	HUSML4040ASS600	400GB	6Gb/s	A294				
Micron	S600DC Series S630DC	MTFDJAL3T8MBT	3.84TB	12Gb/s	M013	2~3 DWPD		
		MTFDJAL3T2MBT	3.2TB					
		MTFDJAL1T9MBT	1.92TB					
		MTFDJAL1T6MBT	1.6TB					
		MTFDJAK960MBT	960GB					
		MTFDJAK800MBT	800GB					
		MTFDJAK480MBT	480GB					
		MTFDJAK400MBT	400GB					
Seagate	1200 SSD	ST400FM0053	400GB		0006	10 DWPD		
Toshiba	PX04SMB*** Series	PX04SMB320	3.2TB		0106			
		PX04SMB160	1.6TB					
		PX04SMB080	800GB					
		PX04SMB040	400GB					
	PX04SVB*** Series	PX04SVB384	3.84TB		3 DWPD			
PX04SVB192		1.92TB						
PX04SVB096		960GB						
PX04SVB048		480GB						
Legacy SATA SSD								
2.5"	Crucial	MX200 SSD	CT1000MX200SSD1	1TB	6Gb/s	MLC	MU02	
			CT500MX200SSD1	500GB				
			ST250MX200SSD1	250GB				
	Intel	DC S3510 Series	SSDSC2BB016T6	1.6TB			G2010130	The Performance is impacted by 6G MUX board.
			SSDSC2BB012T6	1.2TB				
			SSDSC2BB800G6	800GB				
			SSDSC2BB480G6	480GB				
			SSDSC2BB240G6	240GB				
			SSDSC2BB120G6	120GB				
			SSDSC2BB080G6	80GB				
		DC S3710 Series	SSDSC2BA012T4	1.2TB	G2010110	The Performance is impacted by 6G MUX board.		
			SSDSC2BA800G4	800GB				
			SSDSC2BA400G4	400GB				
			SSDSC2BA200G4	200GB				
	Micron	M510DC	MTFDDAK960MBP-1A1ZAB	960GB	6Gb/s	3D eTLC	D0MU027	1~3 DWPD
			MTFDDAK800MBP-1A1ZAB	800GB				
			MTFDDAK480MBP-1A1ZAB	480GB				
			MTFDDAK240MBP-1A1ZAB	240GB				
		5100 Series SATA SSD 5100 PRO	MTFDDAK3T8TCB-1A1ZAB	3.84TB				
MTFDDAK1T9TCB-1A1ZAB			1.92TB					
MTFDDAK960TCB-1A1ZAB	960GB							
MTFDDAK480TCB-1A1ZAB	480GB							
MTFDDAK240TCB-1A1ZAB	240GB							
Samsung	SM863	MZ-7KM1T9	1.92TB	MLC	GXM1003Q	Some S.M.A.R.T. values cannot be detected.		
		MZ-7KM960	960GB					
		MZ-7KM480	480GB					
		MZ-7KM240	240GB					
		MZ-7KM120HAFD-00005	120GB					