

*Compatibility Report for:*

- *Microsemi Adaptec HBA 1100-24i/16i/8e/8i/41*
- *Microsemi Adaptec SmartHBA 2100-24i/8i/4i4e*
- *Microsemi Adaptec SmartRAID 3101-4i*
- *Microsemi Adaptec SmartRAID 3102-8i*
- *Microsemi Adaptec SmartRAID 3151-4i*
- *Microsemi Adaptec SmartRAID 3152-8i*
- *Microsemi Adaptec SmartRAID 3154-8i/8e/16i/24i*

This Compatibility Report reflects testing performed by Microsemi to test the interoperability of the products listed. It does not attempt to validate the quality of or preference for any of the listed products. It is also not an inclusive list and reflects a representative sample of products in each of the categories listed. All testing was done by the Microsemi Product Verification Group and the InterOperability Test Lab.

Minimum testing for listed drive enclosures consists of recognition on each controller model and 24 hours of data integrity I/O stress load. For enclosures that have a FW Revision associated with them, indicating an intelligent backplane, Activity and Fault LEDs on the enclosure are also tested.

Minimum testing for listed hard disk drives (HDDs) and solid state drives (SSDs) includes direct-attached recognition on each controller model subjected to data integrity I/O stress load. When selecting a hard drive or SSD, be aware that other factors not taken into account during this testing may impact successful operation. Just a few examples of such are, the use of an enclosure/backplane, not following the drive vendor's usage guidelines, or not providing adequate environmental support. Our compatibility reports are intended to be used as a guideline for compatibility, but it's important to factor in all requirements for your particular configuration prior to selecting a hard drive to fit your needs.

Minimum testing for listed host systems and motherboards consists of single and multiple controller recognition, controller BIOS interaction with host, and operating system bootability from each controller from every compatible PCIExpress slot. Systems that are capable of supporting more than 4 GB and more than 8 GB of memory are also tested in operating system environments that support such a configuration. Please note that some systems or motherboards may be listed multiple times if different system BIOS or CPU configurations were used.

**Note:**

If you encounter problems with a certain system or device, check the manufacturer for the latest BIOS or microcode.  
Go to the Adaptec web site frequently for the latest updated list at [www.microsemi.com/products/storage/compatibility](http://www.microsemi.com/products/storage/compatibility)

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Hard drive and SSD manufacturers develop drives to meet specific customer requirements for reliability, capacity, and performance. Using drives outside of their intended application can negatively impact server productivity and data reliability. Please contact the drive manufacturer regarding usage guidelines.

**Hard Disk Drives (HDDs)**

**Note: Drives of the same family with different capacity should be compatible as long as the drive has the same (or more recent) firmware.**

Manufacturer	Interface	Family	Category *	Model	FW Revision	Capacity	Speed
HGST	SATA	Deskstar 5K3000	Desktop	HDS5C3020ALA632	ML6OA180	2 TB	6 Gb/s
HGST	SATA	Deskstar 5K3000	Desktop	HDS723030ALA640	MKAOA5C0	3 TB	6 Gb/s
HGST	SATA	MegaScale DC 4000.B	Enterprise	HMS5C4040BLE640	MPAOA5D0	4 TB	6 Gb/s
HGST	SATA	Ultrastar 7K3000	Enterprise	HUA723020ALA640	MK7OA580	2 TB	6 Gb/s
HGST	SATA	Ultrastar 7K3000	Enterprise	HUA723030ALA640	MKAOA3B0, MKAOA800	3 TB	6 Gb/s
HGST	SAS	Ultrastar 7K4000	Enterprise	HUS724040ALS640	A152	4 TB	6 Gb/s
HGST	SAS	Ultrastar 7K6000	Enterprise	HUS726060AL5210	A902	6 TB	12 Gb/s
HGST	SAS	Ultrastar C10K1200	Enterprise	HUC101212CSS600	A35A	1.2 TB	6 Gb/s
HGST	SAS	Ultrastar C10K1800	Enterprise	HUC101818CS4200	A380	1.8 TB	12 Gb/s
HGST	SAS	Ultrastar C10K1800	Enterprise	HUC101818CS4201 (4K Native & SED*)	B380	1.8 TB	12 Gb/s
HGST	SAS	Ultrastar C10K600	Enterprise	HUC106060CSS600	A202	600 GB	6 Gb/s
HGST	SAS	Ultrastar C15K147	Enterprise	HUC151414CSS600	A330	147 GB	6 Gb/s
HGST	SAS	Ultrastar C15K600	Enterprise	HUC156060CS4201 (4K Native & SED*)	B12B	600 GB	12 Gb/s
HGST	SAS	Ultrastar C15K600	Enterprise	HUC156060CSS200	A210	600 GB	12 Gb/s
HGST	SAS	Ultrastar C15K600	Enterprise	HUC156060CSS201 (SED*)	B210	600 GB	12 Gb/s
HGST	SATA	Ultrastar He6	Enterprise	HUS726060ALA640	AHGNT1E2	6 TB	6 Gb/s
HGST	SAS	Ultrastar He6	Enterprise	HUS726060ALS640	A1E2	6 TB	6 Gb/s
HGST	SAS	Ultrastar He8	Enterprise	HUH728080AL4200 (4K Native)	A515	8 TB	12 Gb/s
HGST	SAS	Ultrastar He8	Enterprise	HUH728080AL4201 (4K Native)	B515	8 TB	12 Gb/s

HGST	SATA	Ultrastar He8	Enterprise	HUH728080ALE600	A4GNT514	8 TB	6 Gb/s
HGST	SATA	Ultrastar He8	Enterprise	HUH728080ALN600 (4K Native)	A4GNT544	8 TB	6 Gb/s
HGST	SAS	Ultrastar He10	Enterprise	HUH721010AL4200	a21D	10 TB	12 Gb/s
HGST	SAS	Ultrastar He10	Enterprise	HUH721010AL4201 (4K Native & SED*)	a21D	10 TB	12 Gb/s
HGST	SAS	Ultrastar He10	Enterprise	HUH721010AL5201 (SED*)	b21D	10 TB	12 Gb/s
HGST	SAS	Ultrastar He10	Enterprise	HUH721010AL5204	a21D	10 TB	12 Gb/s
HGST	SATA	Ultrastar He10	Enterprise	HUH721010ALN600 (4K Native)	LHGNT21D	10 TB	6 Gb/s
Seagate	SATA	Archive HDD	Enterprise	ST5000AS0011	CC43, CC44	5 TB	6 Gb/s
Seagate	SATA	Archive HDD	Enterprise	ST8000AS0002	AR13	8 TB	6 Gb/s
Seagate	SAS	Constellation	Enterprise	ST9500430SS	0002	500 GB	6 Gb/s
Seagate	SATA	Constellation ES	Enterprise	ST33000650NS	0004	3 TB	6 Gb/s
Seagate	SATA	Constellation ES.2	Enterprise	ST1000NM0011	SN03	1 TB	6 Gb/s
Seagate	SATA	Constellation.2	Enterprise	ST91000640NS	SN02	1 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST2000NX0273	E001	2 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST1000NX0303 (4K Native)	NN01	1 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST1000NX0313	SN01	1 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST1000NX0323(4K Native)	K001	1 TB	12 Gb/s
Seagate	SAS	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST1000NX0333	E001	1 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST2000NX0243 (4K Native)	NN01	2 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST2000NX0253	SN01	2 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 2.5 HDD v.3	Enterprise	ST2000NX0263 (4K Native)	K001	2 TB	12 Gb/s
Seagate	SAS	Constellation ES.2	Enterprise	ST33000650SS	0002	3 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 (Constellation ES.3)	Enterprise	ST4000NM0023	0004	4 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 (Constellation ES.3)	Enterprise	ST2000NM0034	E001	2 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 (Constellation ES.3)	Enterprise	ST4000NM0053 (SED*)	0001	4 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.4	Enterprise	ST2000NM0014 (4K Native)	K001	2 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.4	Enterprise	ST5000NM0024	SN01	5 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST2000NM0008	SN01	2 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST4000NM0045 (SED*)	TS02	4 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST4000NM0065 (SED*)	NT02	4 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST6000NM0175 (SED*)	SS02	6 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST6000NM0195 (SED*)	ET01	6 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST8000NM0055 (Non-SMR)	SN02	8 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST8000NM0065 (4K Native Non-SMR)	K002	8 TB	12 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST8000NM0075 (Non-SMR)	E002	8 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST8000NM0085 (SED*)	ET01	8 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST8000NM0095 (4K Native & SED*)	KT01	8 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST8000NM0105 (SED*)	SS01	8 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST6000NM0095	E003	6 TB	12 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST6000NM0105 (4K Native)	K003	6TB	12 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.5	Enterprise	ST6000NM0185 (4K Native & SED*)	NS04	6 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST10000NM0146 (4K Native)	NN02	10 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST10000NM0086	SN02	10 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST10000NM0156 (SED*)	CT02	10 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST10000NM0216 (SED*)	ET01	10 TB	12 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST10000NM0226 (SED* & 4K Native)	KT01	10 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST10000NM0166 (4K Native)	NS02	10 TB	6 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST10000NM0016	SN00	10 TB	6 Gb/s

Seagate	SAS	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST1000NM0206 (4K Native)	K001	10 TB	12 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.6	Enterprise	ST1000NM0096	E001	10 TB	12 Gb/s
Seagate	SATA	Enterprise Capacity 3.5 HDD v.7	Enterprise	ST1200NM0007 (SED* & 512e)	SN01	12 TB	6 Gb/s
Seagate	SAS	Enterprise Capacity 3.5 HDD v.7	Enterprise	ST1200NM0027	E001	12 TB	12 Gb/s
Seagate	SATA	Enterprise NAS HDD	Enterprise	ST6000VN0001	AN01	6 TB	6 Gb/s
Seagate	SATA	Enterprise NAS HDD	Enterprise	ST8000NE0001	EN01	8 TB	6 Gb/s
Seagate	SATA	Enterprise NAS HDD	Enterprise	ST8000VN0012	SC60	8 TB	6 Gb/s
Seagate	SAS	Enterprise Performance (Savvio) 15K.3	Enterprise	ST9146853SS	0002	146 GB	6 Gb/s
Seagate	SAS	Enterprise Performance (Savvio) 10K.3	Enterprise	ST9300603SS	0008	300 GB	6 Gb/s
Seagate	SAS	Enterprise Performance (Savvio) 10K.7	Enterprise	ST1200MM0017	0001	1.2 TB	6 Gb/s
Seagate	SATA	Enterprise Performance (Savvio) 10K.8	Enterprise	ST1800MM0128	E002	1.8 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.8	Enterprise	ST1200MM0008 (4K Native)	K001	1.2 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.8	Enterprise	ST1200MM0018	E001	1.2 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.8	Enterprise	ST1800MM0008 (4K Native)	K001	1.8 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.8	Enterprise	ST1800MM0018	E001	1.8 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.8	Enterprise	ST1800MM0088 (4K Native)	K002	1.8 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.8	Enterprise	ST900MM0008 (4K Native)	K001	900 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.8	Enterprise	ST900MM0018	E001	900 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.9	Enterprise	ST1200MM0009 (512n)	N001	1.2 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.9	Enterprise	ST2400MM0129 (512e)	C001	2.4 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 10K.9	Enterprise	ST2400MM0139 (SED* & 512e)	CT01	2.4 TB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.4	Enterprise	ST600MP0064	K201	600 GB	6 Gb/s
Seagate	SAS	Enterprise Performance 15K.4	Enterprise	ST300MP0044 (SED*)	TE01	300 GB	6 Gb/s
Seagate	SAS	Enterprise Performance 15K.4	Enterprise	ST300MP0014 (SED*)	TN02	300 GB	6 Gb/s
Seagate	SAS	Enterprise Performance 15K.4	Enterprise	ST300MP0074 (SED* & 4K Native)	TK01	300 GB	6 Gb/s
Seagate	SAS	Enterprise Performance 15K.4	Enterprise	ST300MP0004	N001	300 GB	6 Gb/s
Seagate	SAS	Enterprise Performance 15K.4	Enterprise	ST300MP0034	E001	300 GB	6 Gb/s
Seagate	SAS	Enterprise Performance 15K.4	Enterprise	ST300MP0064 (4K Native)	K001	300 GB	6 Gb/s
Seagate	SAS	Enterprise Performance 15K.5	Enterprise	ST300MP0005	N001	300 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.5	Enterprise	ST300MP0035	22A2	300 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.5	Enterprise	ST300MP0065 (4K Native)	K001	300 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.5	Enterprise	ST300MX0032	42A2	300 GB	12 Gb/s
Seagate	SATA	Enterprise Performance 15K.5	Enterprise	ST600MP0015 (SED*)	NT02	600 GB	12 Gb/s
Seagate	SATA	Enterprise Performance 15K.5	Enterprise	ST600MX0062 (SED*)	ET03	600 GB	12 Gb/s
Seagate	SATA	Enterprise Performance 15K.5	Enterprise	ST600MX0092	KT03	600 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.6	Enterprise	ST900MP0146	C001	900 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.6	Enterprise	ST900MP0006	N001	900 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.6	Enterprise	ST900MP0016 (SED*)	NT02	900 GB	12 Gb/s
Seagate	SAS	Enterprise Performance 15K.6	Enterprise	ST900MP0156 (SED* & 4K Native)	CT02	900 GB	12 Gb/s
Seagate	SAS	Enterprise Turbo SSHD	Enterprise	ST300MX0014 (SED*)	TE01	300 GB	6 Gb/s
Seagate	SAS	Enterprise Turbo SSHD	Enterprise	ST300MX0034 (4K Native)	K001	300 GB	6 Gb/s
Seagate	SAS	Enterprise Turbo SSHD	Enterprise	ST300MX0044 (SED* & 4K Native)	TK01	300 GB	6 Gb/s
Seagate	SATA	IronWolf Pro	Enterprise	ST1000NE0004	EN01	2 TB	6 Gb/s
Seagate	SATA	Surveillance HDD	Desktop	ST6000VX0001	VN01	6 TB	6 Gb/s
Seagate	SATA	Terascale HDD (Constellation CS)	Enterprise	ST4000NC000	CE02	4 TB	6 Gb/s
Seagate	SATA	Terascale HDD (Constellation CS)	Enterprise	ST4000NC001	CN02	4 TB	6 Gb/s
Toshiba	SAS	AL13SXBxxxN Series	Enterprise	AL13SXB300N	0101	300 GB	6 Gb/s
Toshiba	SAS	MBF2*** RC Series	Enterprise	MBF2600RC	0108	600 GB	6 Gb/s

Toshiba	SATA	MG04ACAxxA Series	Enterprise	MG04ACA500A (4K Native)	FP1A, FP2A	5 TB	6 Gb/s
Toshiba	SATA	MG04ACAxxA Series	Enterprise	MG04ACA600A (4K Native)	FS2B	6 TB	6 Gb/s
Toshiba	SATA	MG04ACAxxxE Series	Enterprise	MG04ACA500E	FP1B	5 TB	6 Gb/s
Toshiba	SATA	MG04ACAxxxE Series	Enterprise	MG04ACA600E	FS2B	6 TB	6 Gb/s
Toshiba	SAS	MG04SCAxxxA Series	Enterprise	MG04SCA500A (4K Native)	102	5 TB	6 Gb/s
Toshiba	SAS	MG04SCAxxxE Series	Enterprise	MG04SCA500E	0102	5 TB	6 Gb/s
Toshiba	SAS	MG04SCAxxxEx Series	Enterprise	MG04SCA60EA (4K Native)	0101	6 TB	12 Gb/s
Toshiba	SAS	MG04SCAxxxEx Series	Enterprise	MG04SCA60EE	0101	6 TB	12 Gb/s
Toshiba	SAS	MG05ACAxxxEx Series	Enterprise	MG05ACA800E	GX08	8 TB	6 Gb/s
Western Digital	SATA	VelociRaptor	Desktop	WD6000BLHX	04.05G04	600 GB	6 Gb/s
Western Digital	SATA	WD Purple	Surveillance	WD60PURX	80.00A80	6 TB	6 Gb/s
Western Digital	SATA	WD Ae	Enterprise	WD600PF4PZ	01.0RAE1	6 TB	6 Gb/s
Western Digital	SAS	WD Re	Enterprise	WD4001FYYG	VR02	4 TB	6 Gb/s
Western Digital	SATA	WD Re	Enterprise	WD4000FYYZ	01.01K01	4 TB	6 Gb/s
Western Digital	SATA	WD Re	Enterprise	WD2004FBYZ	RR01	2 TB	6 Gb/s
Western Digital	SATA	WD Red	NAS	WD10JFCX	01.01A01	1 TB	6 Gb/s
Western Digital	SATA	WD Se	Enterprise	WD1002F9YZ	01.01M02	1 TB	6 Gb/s
Western Digital	SATA	WD Se	Enterprise	WD4000F9YZ	01.01AX1	4 TB	6 Gb/s
Western Digital	SATA	WD Gold	Enterprise	WD4002FYYZ	01.01M02	4 TB	6 Gb/s
Western Digital	SAS	WD Xe	Enterprise	WD6001BKHG	SR03	600 GB	6 Gb/s
Western Digital	SAS	WD Xe	Enterprise	WD9001BDHG (SED*)	SR07	900GB	6 Gb/s
Western Digital	SAS	WD Xe	Enterprise	WD9001BKHG	SR04	900GB	6 Gb/s
Western Digital	SAS	WD Xe	Enterprise	WD9001HKHG	SR04	900 GB	6 Gb/s
Western Digital	SATA	WD Gold	Enterprise	WD6002FRYZ	01.01M02	6 TB	6 Gb/s

\*SED: Drive Encryption not supported

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**Solid State Drives (SSDs)**

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Manufacturer	Interface	Family	Category *	Model	FW Revision	Capacity	Speed
HGST	SATA	Deskstar 5K3000	Desktop	HDS5C3020ALA632	ML6OA180	2 TB	6 Gb/s
HGST	SAS	Ultrastar SS200	Enterprise	SDLL1MLR-038T-CCA1	Y122	3.84 TB	12 Gb/s
HGST	SAS	Ultrastar SS200	Enterprise	SDLL1HLR-076T-CCA1	Y122	7.68 TB	12 Gb/s
HGST	SAS	Ultrastar SS300	Enterprise	HUSMM3232ASS200	A100	3.2 TB	12 Gb/s
HGST	SAS	Ultrastar SSD1600MM	Enterprise	HUSMM1616ASS200 (SED*)	A060, A100	1.6 TB	12 Gb/s
HGST	SAS	Ultrastar SSD1600MM	Enterprise	HUSMM1616ASS201	B100	1.6 TB	12 Gb/s
HGST	SAS	Ultrastar SSD1600MR	Enterprise	HUSMR1616ASS200 (SED*)	A100	1.6 TB	12 Gb/s
HGST	SAS	Ultrastar SSD400MM	Enterprise	HUSML4040ASS600	A310	400GB	6 Gb/s
HGST	SAS	S842	Enterprise	S842X800M2	E4R7	800 GB	6 Gb/s
Intel	SATA	520 Series	Enterprise	SSDSC2CW240A3	400i	240 GB	6 Gb/s
Intel	SATA	DC S3500 Series	Enterprise	SSDSC2BB240G401	D2010370	240 GB	6 Gb/s
Intel	SATA	DC S3500 Series	Enterprise	SSDSC2BB480G4T	D10A030D	480 GB	6 Gb/s
Intel	SATA	DC S3610 Series	Enterprise	SSDSC2BX012T4	G2010110	1200 GB	6 Gb/s
Intel	SATA	DC S3700 Series	Enterprise	SSDSC2BA400G3	5DV10250	400 GB	6 Gb/s
Kingston	SATA	SSDNOW KC310 Series	Enterprise	SKC310S37A/960G	SAFM00.r	960 GB	6 Gb/s
Kingston	SATA	SSDNOW DC400 Series	Enterprise	SEDC400S37/480G	SAFM02.G	480 GB	6 Gb/s
Kingston	SATA	SSDNOW KC400 Series	Enterprise	SKC400S37/128G	SAFM00.W	128 GB	6 Gb/s
Micron	SATA	M500DC	Enterprise	MTFDDAK120MBB-1AE1	0129	120 GB	6 Gb/s
Micron	SATA	M510DC	Enterprise	MTFDDAK480MBP	0005	480 GB	6 Gb/s

Micron	SATA	M600	Enterprise	MTFDDAK1T0MBF	MU03	1TB	6 Gb/s
Micron	SATA	P400m	Enterprise	MTFDDAK100MAN-1S1AA	0225	100 GB	6 Gb/s
Micron	SAS	P410m	Enterprise	MTFDEAK100MAS-1S1AA	0328	100 GB	6 Gb/s
Micron	SAS	S650DC 2.5	Enterprise	MTFDJAK400MBS	M010	400 GB	12 Gb/s
Micron	SATA	5100 ECO 2.5 SSD	Enterprise	MTFDDAK480TBY	D0MU027	480 GB	6 Gb/s
Samsung	SATA	830 Pro Series	Consumer	MZ-7PC064HADR	CXM0101Q	64 GB	6 Gb/s
Samsung	SATA	830 Pro Series	Consumer	MZ-7PC2560-0DA	CXM01W1Q	256 GB	6 Gb/s
Samsung	SATA	840 Pro Series	Consumer	MZ-7PD128	DXM03B0Q	128 GB	6 Gb/s
Samsung	SATA	845DC EVO	Enterprise	MZ-7GE240	EXT03X3Q	240 GB	6 Gb/s
Samsung	SATA	845DC EVO	Enterprise	MZ-7GE480	EXT03X3Q	480 GB	6 Gb/s
Samsung	SATA	845DC EVO	Enterprise	MZ-7GE960	EXT03X3Q	960 GB	6 Gb/s
Samsung	SATA	845DC Pro	Enterprise	MZ-7WD400	DXV80X3Q	400 GB	6 Gb/s
Samsung	SATA	845DC Pro	Enterprise	MZ-7WD800	DXV80X3Q	800 GB	6 Gb/s
Samsung	SATA	850 EVO Series	Consumer	MZ-75E120	EMT01B6Q	120 GB	6 Gb/s
Samsung	SATA	850 EVO Series	Consumer	MZ-75E1T0	EMT01B6Q	1 TB	6 Gb/s
Samsung	SATA	850 EVO Series	Consumer	MZ-75E250	EMT01B6Q	250 GB	6 Gb/s
Samsung	SATA	850 EVO Series	Consumer	MZ-75E500	EMT01B6Q	500 GB	6 Gb/s
Samsung	SATA	850 PRO Series	Consumer	MZ-7KE128	EXM01B6Q	1 TB	6 Gb/s
Samsung	SATA	850 PRO Series	Consumer	MZ-7KE128	EXM01B6Q	128 GB	6 Gb/s
Samsung	SATA	850 PRO Series	Consumer	MZ-7KE1TD	EXM01B6Q	1 TB	6 Gb/s
Samsung	SATA	850 PRO Series	Consumer	MZ-7KE256	EXM01B6Q	1 TB	6 Gb/s
Samsung	SATA	850 PRO Series	Consumer	MZ-7KE256	EXM01B6Q	256 GB	6 Gb/s
Samsung	SATA	850 PRO Series	Consumer	MZ-7KE512	EXM01B6Q	1 TB	6 Gb/s
Samsung	SATA	850 PRO Series	Consumer	MZ-7KE512	EXM01B6Q	512 GB	6 Gb/s
Samsung	SATA	SM843T Series	Enterprise	MZ7WD240HAFV-00003	DXM85W3Q	240 GB	6 Gb/s
Samsung	SATA	SM843T Series	Enterprise	MZ7WD480HAGM-00003	DXM85W3Q	480 GB	6 Gb/s
Samsung	SATA	PM863	Enterprise	MZ-7LM1200	GXT3003Q	120 GB	6 Gb/s
Samsung	SATA	PM863	Enterprise	MZ-7LM2400	GXT3003Q	240 GB	6 Gb/s
Samsung	SATA	PM863	Enterprise	MZ-7LM4800	GXT3003Q	480 GB	6 Gb/s
Samsung	SATA	PM863	Enterprise	MZ-7LM9600	GXT3003Q	960 GB	6 Gb/s
Samsung	SATA	PM863	Enterprise	MZ-7LM1T90	GXT3003Q	1.92 TB	6 Gb/s
Samsung	SATA	PM863	Enterprise	MZ-7LM3T80	GXT3003Q	3.4 TB	6 Gb/s
Samsung	SATA	PM863A	Enterprise	MZ-7LM3T8N	GXT5104Q	3.84 TB	6 Gb/s
Samsung	SATA	SM843	Enterprise	MZ7PD480HAGM-000DA	DXM02W1Q	480 GB	6 Gb/s
Samsung	SATA	SM863A	Enterprise	MZ-7KM1T9N	GXM5004Q	1.9 TB	6 Gb/s
Samsung	SATA	SM863	Enterprise	MZ-7KM1200	GXM1003Q	120 GB	6 Gb/s
Samsung	SATA	SM863	Enterprise	MZ-7KM2400	GXM1003Q	240 GB	6 Gb/s
Samsung	SATA	SM863	Enterprise	MZ-7KM4800	GXM1003Q	480 GB	6 Gb/s
Samsung	SATA	SM863	Enterprise	MZ-7KM9600	GXM1003Q	960 GB	6 Gb/s
Samsung	SATA	SM863	Enterprise	MZ-7KM1T90	GXM1003Q	1.92 TB	6 Gb/s
Samsung	SAS	PM1633	Enterprise	MZ-ILS1T90	GQP2	1.9 TB	12 Gb/s
Samsung	SAS	PM1633	Enterprise	MZ-ILS3T80	GQP2	3.8 TB	12 Gb/s
Samsung	SAS	PM1633	Enterprise	MZ-ILS4800	GQP2	480 GB	12 Gb/s
Samsung	SAS	PM1633	Enterprise	MZ-ILS9600	GQP2	960 GB	12 Gb/s
Samsung	SAS	PM1633a	Enterprise	MZ-ILS3T8N	GXL0	3.84 TB	12 Gb/s
Samsung	SAS	PM1633a	Enterprise	MZ-ILS15T0	GXH0	15.36 TB	12 Gb/s
SanDisk	SATA	SSD X100	Consumer	SD5SB2-512G	10.04.00	512 GB	6 Gb/s
SanDisk	SATA	SSD X110	Consumer	SD6SB1M-064G	X230600	64 GB	6 Gb/s

SanDisk	SATA	SSD X210	Enterprise	SD6SBM-128G	X210400	128 GB	6 Gb/s
Seagate	SAS	1200 SSD	Enterprise	ST200FM0053	CB02	200 GB	12 Gb/s
Seagate	SAS	1200.2 SSD	Enterprise	ST400FM0303	0001	400GB	12 Gb/s
Seagate	SAS	1200.2 SSD	Consumer	ST1600FM0013	B103	1600GB	12 Gb/s
Seagate	SATA	600 SSD	Consumer	ST120FP0021	B690	120 GB	6 Gb/s
Seagate	SATA	600 SSD	Consumer	ST240HM000	C675	240 GB	6 Gb/s
Seagate	SATA	Enterprise SATA SSD	Enterprise	ST200FN0001	B460	200 GB	6 Gb/s
Seagate	SATA	Enterprise SATA SSD	Enterprise	ST100FN0001	B460	120 GB	6 Gb/s
Seagate	SAS	Enterprise Turbo SSHD	Enterprise	ST300MX0004	E001	300 GB	6 Gb/s
SK hynix	SATA	Enterprise SATA SSD	Enterprise	HFS960G32MED-341	20035P00	960 GB	6 Gb/s
Toshiba	SAS	AL14SEBxxxN Series	Enterprise	AL14SEB090N	0102	900 GB	12 Gb/s
Toshiba	SAS	PX03SVFxxx Series	Enterprise	PX03SVF040	1202	400 GB	12 Gb/s
Toshiba	SAS	PX04SVB Series	Enterprise	PX04SVB384	0104	3840 GB	12 Gb/s
Toshiba	SATA	PX05SMB Series	Enterprise	PX05SMB040	101	400 GB	12 Gb/s
Toshiba	SATA	HG6	Enterprise	THNSNJ512GCSU	JUGB0101	512 GB	6 Gb/s
Toshiba	SATA	THNSNJxxxPCS3 Series	Enterprise	THNSNJ480PCS3	J3ET6102	480 GB	6 Gb/s
Toshiba	SATA	THNSNJxxxPCSZ Series	Enterprise	THNSNJ960PCSZ	JZET6102	960GB	6 Gb/s
Toshiba	SATA	Read Intensive	Enterprise	THNSN81Q92CSE	8EET6101	1920 GB	6 Gb/s

\*SED: Drive Encryption not supported

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*Compatibility Report for:*

- *Microsemi Adaptec HBA 1100-24i/16i/8e/8i/41*
- *Microsemi Adaptec SmartHBA 2100-24i/8i/4i4e*
- *Microsemi Adaptec SmartRAID 3101-4i*
- *Microsemi Adaptec SmartRAID 3102-8i*
- *Microsemi Adaptec SmartRAID 3151-4i*
- *Microsemi Adaptec SmartRAID 3152-8i*
- *Microsemi Adaptec SmartRAID 3154-8i/8e/16i/24i*

**SAS Tape Drives & Libraries**

Type	Manufacturer	Category	Model	FW Revision
SAS	HP	Tape	HP LTO-2	T20D
SAS	HP	Tape	HP LTO-3	C24D
SAS	HP	Tape	HP LTO-4	A63D
SAS	HP	Autoloader	HP LTO-5	Z6KW
SAS	IBM	Tape	IBM LTO-6	G351
SAS	IBM	Tape	IBM LTO-7	FA11
SAS	Quantum	Tape	TC-L52AN (LTO-5)	3180

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**Compatibility Report for:**

- Microsemi Adaptec HBA 1100-24i/16i/8e/8i/41
- Microsemi Adaptec SmartHBA 2100-24i/8i/4i4e
- Microsemi Adaptec SmartRAID 3101-4i
- Microsemi Adaptec SmartRAID 3102-8i
- Microsemi Adaptec SmartRAID 3151-4i
- Microsemi Adaptec SmartRAID 3152-8i
- Microsemi Adaptec SmartRAID 3154-8i/8e/16i/24i

Expander Cards			
Type	Manufacturer	Model	# of Ports
SAS	Microsemi	Adaptec Expander Card 82885T	36

Enclosures / Backplanes			
Type	Manufacturer	Model	# of Bays
SAS/SATA	AIC	SSG-JBSA32S-2242h-54RP-A	24
SAS/SATA	AIC	SSG-JBSA32S-4763T-E0RP (*SP)	76
SAS/SATA	AIC	XJ3000-2242S	24
SAS/SATA	Chenbro	RM43260 (*SP)	60
SAS/SATA	HGST	4U60	60
SAS/SATA	Intel	G97158-301	8
SAS/SATA	Intel	JBOD2224S2DP	24
SAS/SATA	Intel	JBOD2312S3SPSP	12
SAS/SATA	Intel	R2224GZ4GCSAS	24
SAS/SATA	Promise	J830sD	24
SAS/SATA	Promise	Vtrak J5800sD	24
SAS/SATA	Supermicro	SAS213A	16
SAS/SATA	Supermicro	SAS3-216A	24
SAS/SATA	Supermicro	SC-216E26	24
SAS/SATA	Supermicro	SAS747TQ	8
SAS/SATA	Supermicro	SAS815TQ	4
SAS/SATA	Supermicro	SAS826EL1	12
SAS/SATA	Supermicro	SAS833TQ	8
SAS/SATA	Supermicro	SAS836BA	16
SAS/SATA	Supermicro	SC846BE1C	24
SAS/SATA	Supermicro	SC847BE2C	36
SAS/SATA	Supermicro	SC936EL2	16

\*SP: Only Single Path Supported

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Compatibility Report for:

- Microsemi Adaptec HBA 1100-24i/16i/8e/8i/41
- Microsemi Adaptec SmartHBA 2100-24i/8i/4i4e
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- Microsemi Adaptec SmartRAID 3102-8i
- Microsemi Adaptec SmartRAID 3151-4i
- Microsemi Adaptec SmartRAID 3152-8i
- Microsemi Adaptec SmartRAID 3154-8i/8e/16i/24i

Host Systems							
Manufacturer	Model	BIOS	Chipset	CPU	PCI Express Revision	Memory	Memory Type
Asus	KGPE-D16	3201	AMD G34	AMD Opteron 6128 2.0 GHz 8 Cores	2.0	8GB	DDR3
Asus	P8B-M	6702	Intel C204	Intel Xeon E3-1230 3.2GHZ	3.0	8GB	DDR3
Asus	P9D-I	0804 x64	Intel C222	Intel Xeon E3-1220 v3 3.1GHZ	3.0	16GB	DDR3
Asus	Z9PE-D8 WS	5206	Intel C600/X79	Dual Intel Xeon CPU E5-2609 2.4 GHz	3.0	8GB	DDR3
Intel	S2600GZ	02.04.0003	Intel C602	Dual Intel Xeon E5-2680 0 2.70GHz	3.0	2GB	DDR3
Intel	S2600WT	1.01.0033	Intel C610	Xeon E5-2603 V3	3.0	16GB	DDR3
Siemens	Simatic IPC847D	19.01.05	Intel C226	Intel Xeon E3-1268L v3 2.3 GHz	2.0 & 3.0	32GB	DDR3
Super Micro	X8DTi-F	2.0c	Intel 5520	Intel Xeon L5520 2.27 GHz	2.0	2GB	DDR3
Super Micro	X9DRG-QF	3.2	Intel C602	Dual Xeon 6 Core E5-2630 2.3 GHz	3.0	8GB	DDR3
Super Micro	X9DRi-LNF4+	3.2	Intel C602	Dual Xeon 6 Cores E5-2600 2.0 GHz	3.0	16GB	DDR3
Super Micro	X9DRW-3LN4F+	3.2b	Intel C606	Dual Intel E5-2609 2.4 GHz	3.0	16GB	DDR3
Super Micro	C7Z87	1.0a	Intel Z87	Intel i7-4770S 3.1 GHz	3.0	4GB	DDR3
Super Micro	X10DRi-LN4+	1.0b	Intel C612	Intel Xeon E5-2603 v3 2.40GHz * 2	3.0	16GB	DDR3
Super Micro	X10DRi-T	2	Intel C612	Intel Xeon E5-2603 V3 1.6GHz	3.0	8GB	DDR4
Super Micro	X10SLM-F	R3.0	Intel C224 Express PCH	Intel Xeon E3-1230 v3, 3.3GHz	3.0	16GB	DDR3
Super Micro	X10SRI-F	1.0b	Intel C612	Intel Xeon E5-2630 v3 2.40GHz	3.0	16GB	DDR3
Super Micro	X10SRL-F	1.0b	Intel C612	Intel Xeon E5-2630 v3 2.40GHz	3.0	16GB	DDR3
Super Micro	X11SSL-F	1.0b	Intel C232	Intel Xeon E3-1220 v5 3.0 GHz	3.0	8GB	DDR4

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