



## Interoperability Report for MegaRAID Entry 6Gb/s SAS Controllers

**This represents basic compatibility and is only a guide to hardware which is  
Known to function with the listed MegaRAID SATA+SAS controllers.**

**Updated 02/25/11**

**Controllers ♦ Motherboards ♦ SAS/SATA Enclosures ♦ Hard Disk Drives ♦ Solid State Drives ♦ Tape Drives ♦ Cables**

The End User Center of Competence performs comprehensive functionality testing in order to demonstrate compatibility of the MegaRAID product line. The listed components represent the interoperability guide for the direct attached storage ecosystem based on our findings. Testing consists of over 50 individual test cases specific to Enclosures, Drives, and Motherboards and includes RAID functionality across all supported RAID levels, basic enclosure SES functions (Drive Locate, Array locate, fan poling, temperature, power supply information, enclosure information), enclosure power cycles during IO and physical drive pulls

MegaRAID SAS Entry 6Gb/s Interoperability Matrix				
Controllers				
Manufacturer	Model	Memory	FW Version	HWR Revision
<b>LSI</b>	MegaRAID SAS 9240-8i	2MB CRAM	2.120.14-1094	B1
	MegaRAID SAS 9240-4i	2MB CRAM	2.120.14-1094	B1
<b>INTEL</b>	Server RAID Controller RS2WC080	2MB CRAM	2.120.14-1094	B1
	Server RAID Controller RS2WC040	2MB CRAM	2.120.14-1094	B1

MegaRAID SAS Entry 6Gb/s Interoperability Matrix								
SAS/SATA Enclosures								
Manufacturer	Model /Family	Type	Expander Mfg.	FW Version	HDD Count	Drive Interface Type	Drive Form Factor	Transfer Rate
AIC	RSC-3ED2-2	3U Chassis	n/a	n/a	16	SAS /SATA	3.5"	3Gb/s
Ci Design	CiNSR316	3U Chassis	None	n/a	16	SAS /SATA	3.5"	6Gb/s
INTEL	AXX6DRV3GEXP	Backplane	Passive	n/a	6	SAS /SATA	3.5"	3Gb/s
	AXX4DRV3GEXP	Backplane	Passive	n/a	4	SAS /SATA	3.5"	3Gb/s
	AXX4DRV3GR	Backplane	Passive	n/a	4	SAS /SATA	3.5"	6Gb/s
	AXX6DRV3GR	Backplane	Passive	n/a	6	SAS /SATA	3.5"	6Gb/s
	ASR1500PASBP	Backplane	Passive	n/a	8	SAS /SATA	2.5"	6Gb/s
LSI	SYM3600-SAS	2U Enclosure	LSI	0183	12	SAS /SATA	2.5"	3Gb/s
	DE5300-SAS	2U Enclosure	LSI	02.21	24	SAS /SATA	3.5"	3Gb/s
	620J	2U Enclosure	LSI	0318	24	SAS /SATA	2.5"	6Gb/s
	630J	2U Enclosure	LSI	0318	12	SAS /SATA	3.5"	6Gb/s
SuperMicro	836E1	3U Enclosure	LSI	A.09	16	SAS /SATA	3.5"	3Gb/s
	SC213	2U Chassis	None	n/a	16	SAS /SATA	2.5"	3Gb/s
	SAS2-216EL1	2U Chassis	LSI	206	24	SAS /SATA	2.5"	6Gb/s
	SAS2-216EL2	2U Chassis	LSI	206	24	SAS /SATA	2.5"	6Gb/s
	SAS 825TQ	Backplane	Passive /AMI Chip	n/a	8	SAS /SATA	2.5"	n/a
	SAS 743TQ	Backplane	Passive /AMI Chip	n/a	8	SAS /SATA	3.5"	n/a

NOTE: SATA drives Pin11, "Activity LED", may not operate correctly with 5 volts LED connection in 620J

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### SAS/SATA Enclosures

Manufacturer	Model /Family	Type	Expander Mfg.	FW Version	HDD Count	Drive Interface Type	Drive Form Factor	Transfer Rate
Chenbro	RM31616ML	3U Chassis	None	n/a	16	SAS /SATA	3.5"	3Gb/s
	RM23212ML	2U Chassis	None	n/a	12	SAS /SATA	3.5"	3Gb/s
	RM41416ML	4U Chassis	None	n/a	16	SAS /SATA	3.5"	3Gb/s
	CK12803	Expander Card	LSI	AB11	16	SAS /SATA	n/a	3Gb/s
	CK13601	Expander Card	LSI	AB11	24	SAS /SATA	n/a	3Gb/s
	CK22803H0C01	Expander Card	LSI	0602	16	SAS /SATA	n/a	6Gb/s
	CK23601H0C01	Expander Card	LSI	0602	24	SAS /SATA	n/a	6Gb/s
	80H10321516A1	Midplane	None	n/a	4	SAS /SATA	3.5"	6Gb/s
	80H10331604A0	Midplane	None	n/a	16	SAS /SATA	3.5"	6Gb/s

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Motherboards

Manufacture	Model /Family	System BIOS	CPU Information	Chipset
INTEL	S5500WB S3420GP S5000PSL S5000VSA S5500BC S5520SC S5520HC S5520UR (Urbana)	86B.08.00.0021 86B.01.00.0022 86B.10.00.D414.091920081308 86B.10.00.D414.091920081308 86B.01.00.0036.041020091444 86B.01.00.0036.041020091444 86B.01.00.0033  S5520.86B.01.00.0030	Dual Core Xeon @ 2.8GHz Xeon X3440 @ 2.5GHz Quad Core Xeon @ 2.33GHz Intel(R) Xeon @ 2.33GHz Intel Xeon E5530 @ 2.40GHz Intel Xeon @ 2.67GHz Quad Xeon, L5520 2.27GHz  Dual Xeon® L5520 @ 2.27GHz	Intel® 5500 Intel® 3420 Intel® 5000P Intel® 5000V Intel® 5500 Intel® 5520 Intel 5520+ICH10R  Intel® 5520
SUPERMICRO	X8SAX X6DH8 H8DCE X6DHE X6DH8-G  X8STE rev 1.1  X8DAi X7DBE	1.0a 6.1 AMI.Version: 080012 6 6  2.00 2.00c 2.1.6.23.2008	Intel Core i7 CPU 920, @2.67GHz Dual Xeon @ 2.8 GHz Dual Core AMD Opteron @2GHz Intel Xeon(TM) @ 2.80GHz Dual Core Xeon(TM) @ 3.00GHz  Xeon® E5503, @ 2GHz  Xeon® W5580 @3.2GHz Dual Xeon E5430 @ 2.6GHz	Intel X58 Express Intel E7520 nVidia 2200 /2050 Intel E7520 Intel E7520  Intel® X58 Express  Intel® 5520 Intel® 5000P
IBM	xSeries 3200 xSeries 3200 M2 xSeries 3250 M2 xSeries 3350 xSeries 3550 xSeries 3550 xSeries 3650 M2 xSeries 3950	1.41 1 1 1.37 T22 1.37 1.02 Build D6E126UUS 1.11	Dual Core Xeon 64bit @2.66 GHz Quad Core Xeon, 64bit, @ 2.13GHz Quad Core Xeon @ 2.13 GHz Quad Core Xeon(R) @ 2.40GHz Dual Core Xeon @1.87 GHz Dual Core Xeon @ 2.66 GHz Dual Core Xeon @ 2.27 GHz Qual Core Xeon @ 2.93 GHz	Intel 3010 Intel 3010 Intel 3210 Intel 3210 Intel E5520 Intel 5000X Intel X58 Express IBM XA-64e

## MegaRAID SAS Value and Feature 6Gb/s Interoperability Matrix

### Motherboards

Manufacture	Model /Family	System BIOS	CPU Information	Chipset
TYAN	S4881G2NR	4.0 Rel 6.1	Quad Core AMD Operon @ 1.8GHz	AMD 8131
	Transport GT24	AMI 2.3.1	Quad Core AMD @ 2.0GHz	nVidia nFP 3600
	S8230GM4NR-LE	2.01a	AMD Opteron™ 6168, @ 1.9GHz	AMD SR5690/5670
	S7010AGM2NRF	3.00	Xeon® W5580, @ 3.20GHz	Intel® 5520
	S7002G2NR-LE	1.07	Xeon® W5580, @ 3.20GHz	Intel® 5500
	S7012GM4NR	2.3	Dual-Core Xeon®, @ 3.20GHz	Intel® 5520
	S7025AGM2NR	1.05	Xeon® E5520 @2.27GHz	Intel® 5520
	S5396	1.01.5396	Dual /Quad Xeon @ 3.2GHz	Intel 5400
S5360G2NR	1.4	Dual Xeon @ 2.8GHz	Intel E7520	
GIGABYTE TECH.	5YASV-RH	1.0.0029	Dual-Core Xeon, @ 3.0GHz	Intel® 3200

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
TOSHIBA	SAS	6Gb/s	MBF2600RC	0107	600GB	2.5"	10K RPM
FUJITSU	SAS	6Gb/s	MBE2073RC	0103	73GB	2.5"	15K RPM
	SAS	6Gb/s	MBD2300RC	D807	300GB	2.5"	10K RPM
	SAS	6Gb/s	MBD2147RC	0102	147GB	2.5"	10K RPM
	SAS	6Gb/s	MBD2147RC	0101	147GB	3.5"	10K RPM
	SAS	6Gb/s	MBE2147RC	0103	147GB	3.5"	15K RPM
	SAS	3Gb/s	MBB2147RC	0105	147GB	2.5"	10K RPM
	SAS	3Gb/s	MAX3147RC	21B5	147GB	3.5"	15K RPM
	SAS	3Gb/s	MAX3147RC	5202	146GB	3.5"	15K RPM
	SAS	3Gb/s	MBA3147RC	D305	146GB	3.5"	15K RPM
	SAS	3Gb/s	MBA3147RC	0103	147GB	3.5"	15K RPM
	SAS	3Gb/s	MBA3300RC	0103	300GB	3.5"	15K RPM
	SAS	3Gb/s	MAX3036RC	0104	36GB	3.5"	15K RPM
	SAS	3Gb/s	MAX3073RC	T904	73GB	3.5"	15K RPM
	SAS	3Gb/s	MAU3147RC	0104	36GB	3.5"	15K RPM
	SATA	3Gb/s	MHZ2080BJ	011B	80GB	2.5"	7200 RPM
	SATA	3Gb/s	MHZ2320B	0009	320GB	2.5"	5400 RPM
	SATA	3Gb/s	MHZ2320B	001E	320GB	2.5"	5400 RPM
	SATA	3Gb/s	MJA2320B	0018	320GB	2.5"	5400 RPM
SATA	3Gb/s	MHZ2160B	011E	160GB	2.5"	7200 RPM	

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
MAXTOR	SAS	3Gb/s	8J300S0	MS05	300GB	3.5"	10K RPM
	SAS	3Gb/s	8K147S0	MS05	147GB	3.5"	15K RPM
	SAS	3Gb/s	ATLAS10K5_036SAS	BK00	36GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_300SAS	BP05	300GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_073SAS	BP05	73GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_036SAS	BP05	36GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_073SAS	BP00	73GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_073SAS	S412	73GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_147	BP05	147GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_300SAS	BP00	300GB	3.5"	10K RPM
	SAS	3Gb/s	ATLAS10K5_300SAS	BP05	300GB	3.5"	10K RPM
	SATA	3Gb/s	7L300S0	1G10	300GB	3.5"	7200 RPM
	SAMSUNG	SATA	3Gb/s	HE103UJ	1111	1TB	3.5"
SATA		3Gb/s	HE103UJ	0-33	1TB	3.5"	7200 RPM
SATA		3Gb/s	HE103UJ	192	1TB	3.5"	7200 RPM
SATA		3Gb/s	HD160JJ	0-41	160GB	3.5"	7200 RPM
SATA		3Gb/s	SP2004C	0-32	200GB	3.5"	7200 RPM
SATA		3Gb/s	SP2504C	0-33	250GB	3.5"	7200 RPM

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes	
HITACHI	SAS	6Gb/s	HUC106060CSS600	A840	600GB	2.5"	10K RPM	
	SAS	6Gb/s	HUC106060CSS601	B852	600GB	2.5"	FDE	
	SAS	6Gb/s	HUC106060CSS600	A150	600GB	2.5"	10K RPM	
	SAS	6Gb/s	HUC103014CSS600	A120	147GB	2.5"	10K RPM	
	SAS	6Gb/s	HUS156030VLS600	A538	300GB	3.5"	15K RPM	
	SAS	6Gb/s	HUC151414CSS600	A330	147GB	2.5"	15K RPM	
	SAS	6Gb/s	HUC151473CSS600	A330	73GB	2.5"	15K RPM	
	SAS	6Gb/s	HUC103030CSS600	A120	300GB	2.5"	10K RPM	
	SAS	6Gb/s	HUC151414CSS600	a370	147GB	2.5"	15K RPM	
	SAS	6Gb/s	HUC103014CSS600	A120	300GB	2.5"	10K RPM	
	SAS	6Gb/s	HUS156060VLS601	B530	600GB	3.5"	SED	
	SAS	3Gb/s		HDP72502	A50E	250GB	3.5"	7200 RPM
	SAS	6Gb/s		HUC156060VLS600	A370	600GB	3.5"	15K RPM
	SAS	3Gb/s		HUS151414VLS300	A420	136GB	3.5"	15K RPM
	SAS	3Gb/s		HUS151436VLS300	A130	36GB	3.5"	15K RPM
	SAS	3Gb/s		HUS151473VLS300	A340	73GB	3.5"	15K RPM
	SAS	3Gb/s		HUS153073VLS300	A110	73GB	3.5"	15K RPM
	SAS	3Gb/s		HUS154530VLS300	A4B0	300GB	3.5"	15K RPM
	SAS	3Gb/s		HUS154545VLS300	A4B0	450GB	3.5"	15K RPM
	SATA	3Gb/s		HDS72202ALA330	A20N	2TB	3.5"	7200 RPM
	SATA	3Gb/s		HUA7220202ALA330	28A	2TB	3.5"	7200 RPM
	SATA	3Gb/s		HUA722010CLA330	25C	1TB	3.5"	7200 RPM
	SATA	3Gb/s		HDT72010SLA360	3A33	1TB	3.5"	7200 RPM
	SATA	3Gb/s		HDS72161	AB1A	164GB	3.5"	5400 RPM
	SATA	3Gb/s		HDS72161	P22O	160GB	3.5"	5400 RPM
	SATA	3Gb/s		HDS722512VLSA80	A63A	120GB	3.5"	7200 RPM
	SATA	3Gb/s		HDS725050KLA360	KRVN	500GB	3.5"	7200 RPM
	SATA	3Gb/s		HDS725050KLA360	AB0A	470GB	3.5"	7200 RPM
	SATA	3Gb/s		HDS725050KLA360	39M0	250GB	3.5"	7200 RPM
	SATA	3Gb/s		HDS728080PLA380	A6BA	80GB	3.5"	7200 RPM

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
HITACHI	SATA	6Gb/s	HDS723030ALA640	A380	3TB	3.5"	7200 RPM
	SATA	3Gb/s	HUA72201	A25C	1TB	3.5"	7200 RPM
	SATA	3Gb/s	HUA72201	A39C	1TB	3.5"	7200 RPM

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
IBM	SAS	6Gb/s	IBM-ESXS ST973452SS	B623	73GB	2.5"	15K RPM
	SAS	6Gb/s	ESXSST973451SS	B612	73GB	2.5"	15K RPM
	SAS	6Gb/s	ESXSST9146852SS	B623	140GB	2.5"	15K RPM
	SAS	6Gb/s	ESXSST9146802SS	B52G	146GB	2.5"	10K RPM
	SAS	3Gb/s	ESXSBBA036C3ESTT0Z	NBH0	36GB	3.5"	10K RPM
	SAS	3Gb/s	ESXSBBA073C3ESTT0Z	NBH0	73GB	3.5"	10K RPM
	SAS	3Gb/s	ESXSGNA073C3ESTT0Z	NBH0	73GB	3.5"	10K RPM
	SAS	3Gb/s	ESXSGNA300C3ESTT0Z	NBH0	300GB	3.5"	
	SAS	3Gb/s	ESXS MAX3036RC	T904	36GB	3.5"	15K RPM
	SAS	3Gb/s	ESXS MAX3147RC	T904	147GB	3.5"	15K RPM
	SAS	3Gb/s	ESXSMBB2073RC	SB01	72GB	2.5"	10K RPM
	SAS	3Gb/s	ESXSMBB2147RC	SB04	146GB	2.5"	10K RPM
	SAS	3Gb/s	ESXSST336754SS	BA17	36GB	3.5"	15K RPM
	SAS	3Gb/s	ESXS GNA300C3ESTT0Z	BH0D	300GB	3.5"	
	SAS	3Gb/s	ESXSST973451SS	B612	73GB	2.5"	15K RPM
	SAS	3Gb/s	ESXS VPA073C3	NA49	73GB	3.5"	
	SAS	3Gb/s	ESXS VPA146C3	NA54	146GB	3.5"	
	SAS	3Gb/s	ESXS VPA146C3	NA49	146GB	3.5"	
	SAS	3Gb/s	BBA036C3ESTT0Z	BH0D	36GB	3.5"	
	SAS	3Gb/s	GNA073C3ESTT0Z	BH0D	73GB	3.5"	
	SAS	3Gb/s	IBM-ESXS ST3300555SS	BA33	300GB	3.5"	15K RPM
	SAS	3Gb/s	IBM-ESXS ST336754SS	BA17	36GB	3.5"	15K RPM
	SAS	3Gb/s	VPA073C3-ETS10	A49B	73GB	3.5"	
	SAS	3Gb/s	VPA073C3-ETS10	A49A	73GB	3.5"	
	SAS	3Gb/s	VPA073C3-ETS10	A540	73GB	3.5"	
	SAS	3Gb/s	GNA073C3ESTT0Z	NBH0	73GB	3.5"	
	SAS	3Gb/s	VPA146C3-ETS10	NA49	146GB	3.5"	

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
SEAGATE	SAS	6Gb/s	ST9450404SS	0004	450GB	2.5"	10K RPM
	SAS	6Gb/s	ST973352SS	0002	73GB	2.5"	SED
	SAS	6Gb/s	ST32000444SS	0004	2TB	3.5"	7200 RPM
	SAS	6Gb/s	ST31000424SS	0004	1TB	3.5"	7200 RPM
	SAS	6Gb/s	ST33000650SS	F901	3TB	3.5"	7200 RPM
	SAS	6GB/s	ST9500431SS	DSF0	500GB	2.5"	7200 RPM
	SAS	6GB/s	ST973452SS	B623	73GB	2.5"	15K RPM
	SAS	6GB/s	ST973402SS	MS00	73GB	2.5"	15K RPM
	SAS	6GB/s	ST9146803SS	0002	147GB	2.5"	15K RPM
	SAS	6GB/s	ST9146803SS	0004	147GB	2.5"	15K RPM
	SAS	6GB/s	ST9146852SS	B623	146GB	2.5"	15K RPM
	SAS	6GB/s	ST9300503SS	FSF4	300GB	2.5"	10K RPM
	SAS	6GB/s	ST3300657SS	0005	300GB	3.5"	15K RPM
	SAS	6GB/s	ST3450802SS	0004	450GB	3.5"	10K RPM
	SAS	6Gb/s	ST3450857SS	0005	450GB	3.5"	15K RPM
	SAS	6Gb/s	ST9300503SS	FT00	300GB	2.5"	SED
	SAS	6Gb/s	ST9146703SS	FT00	146GB	2.5"	SED
	SAS	3Gb/s	ST973402SS	MS003	73GB	2.5"	10K RPM
	SAS	6Gb/s	ST9146803SS	0004	146GB	2.5"	10K RPM
	SAS	6Gb/s	ST9146852SS	B623	146GB	2.5"	15K RPM
	SAS	6Gb/s	ST973452SS	B623	73GB	2.5"	15K RPM
	SAS	6Gb/s	ST9146802SS	MSB0	146GB	3.5"	10K RPM
	SAS	6Gb/s	ST3450802SS	0004	450GB	3.5"	10K RPM
	SAS	6Gb/s	ST9300603SS	0002	300GB	2.5"	10K RPM
	SAS	6GB/s	ST3600002SS	0002	600GB	3.5"	10K RPM
	SAS	6Gb/s	ST9500430SS	0001	500GB	2.5"	7200 RPM
	SAS	6Gb/s	ST3500414SS	0004	500GB	3.5"	7200 RPM
	SAS	3Gb/s	ST3300555SS	BA33	300GB	3.5"	15K RPM
	SAS	3Gb/s	ST3300655SS	13LM042JJ	300GB	3.5"	15K RPM
	SAS	3Gb/s	ST314854SS	0004	146GB	3.5"	15K RPM

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
SEAGATE	SAS	3Gb/s	ST3300655SS	13LM042JJ	300GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	S412	33GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	0002	36GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	S410	36GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	23KQ	36GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	2	36GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	BA17	36GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	MS02	36GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	S400	36GB	3.5"	15K RPM
	SAS	3Gb/s	ST373454SS	3	73GB	3.5"	15K RPM
	SAS	3Gb/s	ST373454SS	S412	73GB	3.5"	15K RPM
	SAS	3Gb/s	ST373454SS	33KP	73GB	3.5"	15K RPM
	SAS	3Gb/s	ST373454SS	MSB03	73GB	3.5"	15K RPM
	SAS	3Gb/s	ST373454SS	2	70GB	3.5"	15K RPM
	SAS	3Gb/s	ST373455SS	BA23	74GB	3.5"	15K RPM
	SAS	3Gb/s	ST973402SS	MSB0	73GB	2.5"	10K RPM
	SATA	6Gb/s	ST3300650NS	ZZZZ	3TB	3.5"	7200 RPM
	SATA	3Gb/s	ST3500641NS	K2A0	500GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3160023AS	3	160 GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3160827AS	3.42	160GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3250824AS	H	250GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3250824AS	4ND3	150GB	3.5"	7200 RPM
	SATA	3Gb/s	ST330831AS	3.01	280GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3500630NS	AEG	500GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3200540AS	CC83	2TB	3.5"	4K Media
	SATA	3Gb/s	ST3500641NS	S0	500GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3500641NS	P	500GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3750640NS	E	750GB	3.5"	7200 RPM
	SATA	3Gb/s	ST3750840NS	E	750GB	3.5"	7200 RPM
	SATA	3Gb/s	ST380013AS	3.18	80GB	3.5"	7200 RPM

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
SEAGATE	SATA	3Gb/s	ST380815AS	D	80GB	3.5"	7200 RPM
	SATA	3Gb/s	ST9500530NS	SN02	500GB	2.5"	7200 RPM
	SATA	3Gb/s	ST31000340NS	SN06	1TB	3.5"	7200 RPM
	SATA	3Gb/s	ST32000644NS	SN11	2TB	3.5"	7200 RPM
	SAS	3Gb/s	ST973402SS	MS00	73GB	2.5"	10K RPM
	SATA	3Gb/s	ST380013AS	3.18	80GB	3.5"	
	SAS	3Gb/s	ST373455SS	S513	73GB	3.5"	15K RPM
	SAS	3Gb/s	ST336754SS	S400	36GB	3.5"	
	SAS	3Gb/s	ST936751SS	0001	36GB	2.5"	15K RPM
	SAS	3Gb/s	ST9146802SS	0002	147GB	2.5"	10K RPM
	SAS	3Gb/s	ST3146854SS	S412	146GB	3.5"	15K RPM
	SAS	3Gb/s	ST3146854SS	S410	146GB	3.5"	15K RPM
	SAS	3Gb/s	ST3146854SS	0003	136GB	3.5"	15K RPM
	SAS	3Gb/s	ST3146854SS	0002	146GB	3.5"	15K RPM

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Hard Disk Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size	Notes
WESTERN DIGITAL	SAS	6Gb/s	WD1460BKFG-02P2V0	RG00	146GB	2.5"	10K RPM
	SAS	6Gb/s	WD3000BKFG-02P2V0	RG00	300GB	2.5"	10K RPM
	SAS	6Gb/s	WD6000BKHG-02A29V0	VG01	600GB	2.5"	10K RPM
	SATA	6Gb/s	WD6000BLHX-01V7BV0	5G04	600GB	2.5"	10K RPM
	SATA	6Gb/s	WD5003ABYX-01WERA0	1S01	500GB	3.5"	7200 RPM
	SATA	6Gb/s	WD1003FBYX-01Y7B0	1V01	1TB	3.5"	7200 RPM
	SATA	3Gb/s	WD2002FYPS-02W3B0	1G01	2TB	3.5"	5400 RPM
	SATA	3Gb/s	WD2003FYYS-0	1D01	2TB	3.5"	7200 RPM
	SATA	3Gb/s	WD2002FYPS0	5G04	2TB	3.5"	5400 RPM
	SATA	3Gb/s	WD10EADS11M	0A80	1TB	3.5"	4K Media
	SATA	3Gb/s	WD2002FYPS	5G04	2TB	3.5"	7200 RPM
	SATA	3Gb/s	WD1000FYPS-0	1B01	1TB	3.5"	7200 RPM
	SATA	3Gb/s	WD1600AAJS	6H05	160 GB	3.5"	7200 RPM
	SATA	3Gb/s	WD1600YS	23S6C04	160GB	3.5"	7200 RPM
	SATA	3Gb/s	WD1600YS	1C03	160GB	3.5"	7200 RPM
	SATA	3Gb/s	WD1600YS-01S	6C06	160GB	3.5"	7200 RPM
	SATA	3Gb/s	WD1600YS-23S6C04	WCAP	160GB	3.5"	7200 RPM
	SATA	3Gb/s	WD2500YS	6C07	250GB	3.5"	7200 RPM
	SATA	3Gb/s	WD2500YS-18S	6C07	250GB	3.5"	7200 RPM
	SATA	3Gb/s	WD2502ABYS-2	3B04	250GB	3.5"	7200 RPM
	SATA	3Gb/s	WD4000YR	6A01	400GB	3.5"	7200 RPM
	SATA	3Gb/s	WD4000YR-01P	6A01	400GB	3.5"	7200 RPM
	SATA	3Gb/s	WD5000ABPS-0	1B01	500GB	3.5"	7200 RPM
	SATA	3Gb/s	WD5000ABPS-01ZZB0	2.01	500GB	3.5"	7200 RPM
	SATA	3Gb/s	WD5000KS	2.00E+06	500GB	3.5"	7200 RPM
	SATA	3Gb/s	WD5000YS	01M2E07	500GB	3.5"	7200 RPM
	SATA	3Gb/s	WD5000YS	00.E	500GB	3.5"	7200 RPM
	SATA	3Gb/s	WD7500AAKS	04G30	750GB	3.5"	7200 RPM
	SATA	3Gb/s	WD7500AAKS-0	30	750GB	3.5"	7200 RPM
	SATA	3Gb/s	WD800JD	01E01	80GB	3.5"	7200 RPM
	SATA	3Gb/s	WD5000ABPS	2.01	500GB	3.5"	7200 RPM

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Cables

Brand	Model /Part Number	Description	Length (M)
CHENBRO	26H114612-001	Internal Mini SAS, SFF-8087 36p	0.5
SUPERMICRO	CBL-0281L Rev D CBL-0108L-02 Rev D	Internal Mini SAS, SFF-8087 36p Internal Mini SAS, SFF-8087 36p	1 0.5
MOLEX	79576-2123 213636-XXXXMM 2136449 2138449 745470101 212636-1000MM / TCC 2508 212636-1000MM / TCC 2508 212636-1000MM / TCC 2508 74562-7024 745627024	Internal Mini SAS, SFF-8087 36p Internal Mini SAS, SFF-8087 36p Int iPass to Ext iPass Internal lpass to 4 SATA Internal lpass to 4 SATA Internal lpass to 4 SATA Int iPass to Ext INFINIBAND Int iPass to Ext iPass Internal iPass to Direct Connect SATA Internal lpass to 4 SATA connectors	0.6 1 1 1 1 1 1 1 1 1
TECH CABLE	212261-1000MM 2136449-1000MM 745472053	Internal lPass to Internal lPass Internal lPass to External Infiniband Internal lpass to External lpass	1 1 1
LSI 3Ware	CBL-SAS8087OCF-06M CBL-SFF8087-05M CBL-SFF8087-06M CBL-SFF8087IB-05M CBL-SFF8087IB-06M CBL-SFF8087OCF-10M CBL-SSF8087OCF-05M CBL-SSF8087OCF-06M	Internal SFF8087 breakout cable forward 4x, SFF-8482 w/ Power Internal SFF8087 to SATA Internal SFF8087 to SATA Multi-line SFF8087 to SFF8470 SATA converter Multi-line SFF8087 to SFF8470 SATA converter Internal SFF8087 SATA, breakout cable, use Target (forward) Internal SFF8087 serial ATA, breakout cable, use Target (forward) Internal SFF8087 serial ATA, breakout cable, use Target (forward)	0.6 0.5 0.6 0.5 0.6 1 0.5 0.6

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Solid State Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size
ADATA	SATA	3Gb/s	AS599S-100GM-C	80GB	rev 5.0	2.5"
	SATA	3Gb/s	AS599S-128GM-C	3.1.0	128GB	2.5"
	SATA	3Gb/s	AS599S-256GM-C	3.1.0	256GB	2.5"
INTEL	SATA	6Gb/s	SSDSC2MH120A2C	PPXM	120G	2.5"
	SATA	3Gb/s	SSDSA2BW160G3	0266	160GB	2.5"
	SATA	3Gb/s	X25-E, SSDSA2SH032G1	8650	32GB	2.5"
	SATA	3Gb/s	X25-E, SSDSA2SH064G1	8650	64GB	2.5"
	SATA	3Gb/s	X25-E, SSDSA2SH064G1GN	8820	64GB	2.5"
	SATA	3Gb/s	X25-M, SSDSA2MH080G1	8626	80GB	2.5"
	SATA	3Gb/s	X25-M, SSDSA2MH160G1	8626	160GB	2.5"
	SATA	3Gb/s	X25-M, SSDSA2MH160G1	8820	160GB	2.5"
	SATA	3Gb/s	X25-M,SSDSA2M080G2GC	02HD	80GB	2.5"
	SATA	3Gb/s	X25-M, SSDSA2MH160G2GC	02HD	160GB	2.5"
MICRON	SATA	6Gb/s	MTFDDAC050SAL-1N1AA	0001	50GB	2.5"
	SATA	6Gb/s	P300-MTFDDAC100SAL	0001	100GB	2.5"
	SATA	6Gb/s	MTFDDAC200SAL-1N1AA	0001	200GB	2.5"
	SATA	6Gb/s	MTFDDAK064MAG-1G1	0002	64GB	2.5"
	SATA	6Gb/s	MTFDDAK128MAG-1G1	0002	128GB	2.5"
	SATA	6Gb/s	MTFDDAK256MAG-1G1	0002	256GB	2.5"
OCZ TECHNOLOGY	SATA	3Gb/s	ITDCSTE025M2002	1.5E	240GB	2.5"
PATRIOT MEMORY	SATA	3Gb/s	PatriotTorqx12	1881	120GB	2.5"
PLIANT	SAS	3Gb/s	LS300S	T101	300GB	3.5"
ANOBIT	SATA	3Gb/s	Genesis-1	2.21	200GB	3.5"

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Solid State Drives

Manufacturer	Type	Generation	Model	FW Version	Capacity	Size
SAMSUNG	SATA	3Gb/s	MCBQE25G		25GB	2.5"
	SATA	3Gb/s	2.5"50GBSSDSATA	803Q	50GB	2.5"
	SATA	3Gb/s	2.5" 100GBSSDSATA	803Q	100GB	2.5"
UNIGEN	SATA	3Gb/s	UGB88PGB100HB1-ES	RC Rev1	100GB	2.5"
	SATA	3Gb/s	UGB88APT128HS3	1916	128GB	2.5"
SUPER TALENT	SATA	3Gb/s	FTM12CT25H	STTMP2	120GB	2.5"
STEC	SATA	1.5Gb/s	MACH8 IO	2084	22GB	2.5"
	SATA	1.5Gb/s	M8ISB2-25UC	2119	25GB	2.5"
	SATA	1.5Gb/s	M8ISB2-50UC	2119	50GB	2.5"

## MegaRAID SAS Entry 6Gb/s Interoperability Matrix

### Tape Drives

Manufacturer	Type	Support	Model	FW Version	Capacity	Size
TANDBERG DATA	SAS	6Gb/s	LTO-4 HH	U519	800GB	LTO4
HP STORAGEWORK	SAS	6Gb/s	EH958A	236D	3.00TB	LTO-5
QUANTUM	SATA	3Gb/s	CD72SH	n/a	72GB	DAT-3.5"
SONY	SATA	3Gb/s	SDX-570V	n/a	200GB	AIT-3.5"