

Compatibility List for:
Adaptec RAID 5405
Adaptec RAID 5445
Adaptec RAID 5085
Adaptec RAID 5805
Adaptec RAID 5405Z
Adaptec RAID 5445Z
Adaptec RAID 5805Z

This Compatibility Report reflects testing performed by Adaptec by PMC 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 Adaptec by PMC Product Verification Group and the InterOperability Test Lab.

Minimum testing for listed drive enclosures consists of recognition on each RAID controller model along with data integrity I/O stress load on each RAID Level under a variety of RAID states (optimal, suboptimal, degraded, compressed, expanding, and migrating). For enclosures that have a firmware (FW) revision associated with them, indicating an intelligent backplane, Activity and Fault LEDs on the enclosure are also tested.

Enclosures							
Type	Manufacturer	Model	Expander Vendor	Expander FW Revision	SEP Vendor	SEP FW Revision	# of Bays
SAS/SATA	Adaptec	SANbloc S50	PMC PM8388	T033	N/A	N/A	12
SAS/SATA	AIC (Xtore)	RSC-3EG2-80R-SA1C1-0-R	N/A	N/A	N/A	N/A	16
SAS/SATA	Area Electronics	ADS-NDS1200SM	DNS1200	1A74	N/A	N/A	12
SAS/SATA	Area Electronics	ADS-NDS1400SM	DNS1400	2A70	N/A	N/A	24
SAS/SATA	Chenbro	RM11704B	N/A	N/A	N/A	N/A	4
SAS/SATA	Chenbro	RM12404B	N/A	N/A	N/A	N/A	4
SAS/SATA	Chenbro	RM13204	N/A	N/A	N/A	N/A	6
SAS/SATA	Chenbro	RM21508B	N/A	N/A	N/A	N/A	8
SAS/SATA	Chenbro	RM23212	N/A	N/A	N/A	N/A	12
SAS/SATA	Chenbro	RM31212B	N/A	N/A	N/A	N/A	12
SAS/SATA	Chenbro	RM41416B	N/A	N/A	N/A	N/A	16
SAS/SATA	Chenbro	RM21706	N/A	N/A	N/A	N/A	6
SAS/SATA	Chenbro	RM31616	N/A	N/A	N/A	N/A	16
SAS/SATA	Chenbro	RM31408	N/A	N/A	N/A	N/A	8
SAS/SATA	Chenbro	SR105	N/A	N/A	N/A	N/A	4

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Enclosures							
Type	Manufacturer	Model	Expander Vendor	Expander FW Revision	SEP Vendor	SEP FW Revision	# of Bays
SAS/SATA	Chenbro	SR107	N/A	N/A	N/A	N/A	8
SAS/SATA	Chenbro	SR108	N/A	N/A	N/A	N/A	8
SAS/SATA	Chenbro	SR209	N/A	N/A	N/A	N/A	4
SAS/SATA	CI Design	SR104	N/A	N/A	N/A	N/A	4
SAS/SATA	CI Design	SR208	N/A	N/A	N/A	N/A	8
SAS/SATA	CI Design	SR212	N/A	N/A	N/A	N/A	12
SAS/SATA	CI Design	SR316	N/A	N/A	N/A	N/A	16
SAS/SATA	CI Design	SR524	N/A	N/A	N/A	N/A	24
SAS/SATA	CI Design	SR850	N/A	N/A	N/A	N/A	50
SAS/SATA	Intel	SC5400 AXX4DRV3GEXP	Vitesse VSC7161	2.14	N/A	N/A	4
SAS/SATA	Intel	SC5400 AXX6DRV3GEXP	Vitesse VSC7161	2.14	N/A	N/A	6
SAS/SATA	Intel	SC5600 AXX4DRV3G	N/A	N/A	Vitesse VSC410	2.12	6
SAS/SATA	Intel	SC5600 AXX6DRV3G	N/A	N/A	Vitesse VSC410	2.12	6
SAS/SATA	Intel	SR2500 FALPASMP	N/A	N/A	Vitesse VSC410	2.05	5
SAS/SATA	Intel	SSR212MC	LSI	01A	N/A	N/A	12
SAS/SATA	Newisys	NDS-2240	DE5300-SAS	0216	N/A	N/A	24
SAS/SATA	Newisys	NDS-8200	Dell FS12	R118	N/A	N/A	12
SAS/SATA	Promise	VTrak J310sD	PMC PM8388	0107	N/A	N/A	12
SAS/SATA	Promise	VTrak J310sS	PMC PM8388	0107	N/A	N/A	12
SAS/SATA	Promise	VTrak J610sD	PMC PM8388	0107	N/A	N/A	16
SAS/SATA	Promise	VTrak J610sS	PMC PM8388	0107	N/A	N/A	16
SAS/SATA	Super Micro	SuperChassis 825TQ-560LPB	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-560LPV	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-560UB	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-560UV	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-710LP	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-R700LPB	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-R700LPV	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-R700UB	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-R700UV	N/A	N/A	AMI MG9072	0003	8

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Enclosures							
Type	Manufacturer	Model	Expander Vendor	Expander FW Revision	SEP Vendor	SEP FW Revision	# of Bays
SAS/SATA	Super Micro	SuperChassis 825TQ-R720LPB	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 825TQ-R720UB	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 836E1-R800B	LSI SASX28	9 bootrecord 3.1	N/A	N/A	16
SAS/SATA	Super Micro	SuperChassis 836E1-R800V	LSI SASX28	9 bootrecord 3.1	N/A	N/A	16
SAS/SATA	Super Micro	SuperChassis 836E2-R800B	LSI SASX28	9 bootrecord 3.1	N/A	N/A	16
SAS/SATA	Super Micro	SuperChassis 836E2-R800V	LSI SASX28	9 bootrecord 3.1	N/A	N/A	16
SAS/SATA	Super Micro	SuperChassis 933E1-R760	LSI SASX28	9 bootrecord 3.1	N/A	N/A	15
SAS/SATA	Super Micro	SuperChassis 933E1-R760B	LSI SASX28	9 bootrecord 3.1	N/A	N/A	15
SAS/SATA	Super Micro	SuperChassis 933E2-R760	LSI SASX28	9 bootrecord 3.1	N/A	N/A	15
SAS/SATA	Super Micro	SuperChassis 933E2-R760B	LSI SASX28	9 bootrecord 3.1	N/A	N/A	15
SAS/SATA	Super Micro	SuperChassis 846A-R1200B	LSI SASX36 A.0	9	N/A	N/A	24
SAS/SATA	TST	ESR-102	N/A	N/A	N/A	N/A	2
SAS/SATA	TST	ESR-104	N/A	N/A	N/A	N/A	4
SAS/SATA	TST	ESR-106	N/A	N/A	N/A	N/A	6
SAS/SATA	TST	ESR-208	N/A	N/A	N/A	N/A	8
SAS/SATA	TST	ESR-210	N/A	N/A	N/A	N/A	10
SAS/SATA	TST	ESR-212	N/A	N/A	N/A	N/A	12
SAS/SATA	TST	ESR-308	N/A	N/A	N/A	N/A	8
SAS/SATA	TST	ESR-316	N/A	N/A	N/A	N/A	16
SAS/SATA	TST	ESR-420	N/A	N/A	N/A	N/A	20
SAS/SATA	TST	ESR-524	N/A	N/A	N/A	N/A	24
SAS/SATA	Xtore	XJ-SA12-005	N/A	N/A	N/A	N/A	12
SAS/SATA	Xtore	XJ-SA12-010	N/A	N/A	N/A	N/A	12
SAS/SATA	Xtore	XJ-SA26-110R	Vitesse VSC7153	1.14.01f	N/A	N/A	10
SAS/SATA	Xtore	XJ-SA26-212R	Vitesse VSC7153	1.14.01f	N/A	N/A	12
SAS/SATA	Xtore	XJ-SA26-244R	Vitesse	1.14.01f	N/A	N/A	24

Minimum testing for listed hard drives includes direct-attached recognition on each RAID controller model subjected to data integrity I/O stress load under each RAID Level with a variety of RAID states (optimal, suboptimal, degraded, compressed, expanding, and migrating). When selecting a hard drive, 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.

Intelligent Power Management is an Adaptec-exclusive controller feature that can reduce hard drive power consumption by up to 70%. Testing has been performed to validate drive support of Standby Mode – drives spin at a reduced RPM – and Power-Off Mode – drive completely spun down for maximum power savings. A 'check mark' indicates Adaptec testing resulted in reduced power in that particular power mode. If there is no 'check mark', Adaptec testing did not yield savings in hard drive power consumption.

SAS Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SAS	Hitachi	Ultrastar 15K300	HUS153073VLS300	A110	73GB		✓
SAS	Hitachi	Ultrastar 15K300	HUS153014VLS300	A110	147GB		✓
SAS	Hitachi	Ultrastar 15K300	HUS153030VLS300	A110, A120, A320	300GB		✓
SAS	Hitachi	Ultrastar 15K450	HUS154545VLS300	A4B0, A500	450GB		✓
SAS	Hitachi	Ultrastar 15K600	HUS156045VLS600	A53E	450GB		✓
SAS	Hitachi	Ultrastar 15K600	HUS156045VLS601	A392	450GB		✓
SAS	Hitachi	Ultrastar 15K600	HUS156030VLS600	A310, A510	600GB		✓
SAS	Hitachi	Ultrastar 15K600	HUS156030VLS601	A392	600GB		✓
SAS	Hitachi	Ultrastar 15K600	HUS156060VLS600	A392	600GB		✓
SAS	Hitachi	Ultrastar 15K600	HUS156060VLS601	A392	600GB		✓
SAS	Hitachi	Ultrastar C10K147	HUC101473CSS300	A110	73GB		✓
SAS	Hitachi	Ultrastar C10K147	HUC101414CSS300	A72F, A210	147GB		✓
SAS	Hitachi	Ultrastar C10K300	HUC103014CSS600	A120	147GB		✓
SAS	Hitachi	Ultrastar C10K300	HUC103030CSS600	A120	300GB		✓
SAS	Hitachi	Ultrastar C10K600	HUC106060CSS600	A202	600GB		✓
SAS	Hitachi	Ultrastar C15K147	HUC151473CSS600	A330	73GB		✓
SAS	Hitachi	Ultrastar C15K147	HUC151473CSS601	A330	73GB		✓
SAS	Hitachi	Ultrastar C15K147	HUC151414CSS600	A330	147GB		✓

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SAS Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SAS	Hitachi	Ultrastar C15K147	HUC151414CSS601	A330	147GB		✓
SAS	Seagate	Barracuda ES.2	ST3500620SS	0002	500GB		✓
SAS	Seagate	Barracuda ES.2	ST3750630SS	0002	750GB		✓
SAS	Seagate	Barracuda ES.2	ST31000640SS	0002	1TB		✓
SAS	Seagate	Cheetah 15K.5	ST373455SS	0001, 0002, 0004	73GB		✓
SAS	Seagate	Cheetah 15K.5	ST3146855SS	0001, 0002, 0004	146GB		✓
SAS	Seagate	Cheetah 15K.5	ST3300655SS	0001, 0002	300GB		✓
SAS	Seagate	Cheetah 15K.6	ST3146356SS	0003	146GB		✓
SAS	Seagate	Cheetah 15K.6	ST3300656SS	0003	300GB		✓
SAS	Seagate	Cheetah 15K.6	ST3450856SS	0003	450GB		✓
SAS	Seagate	Cheetah 15K.7	ST3300657SS	0005, 0006	300GB		✓
SAS	Seagate	Cheetah 15K.7	ST3450857SS	0005, 0006	450GB		✓
SAS	Seagate	Cheetah 15K.7	ST3600057SS	0005, 0006	600GB		✓
SAS	Seagate	Cheetah NS	ST3400755SS	0001	400GB		✓
SAS	Seagate	Constellation	ST9500430SS	0002	500GB		✓
SAS	Seagate	Constellation	ST9500431SS	002	500GB		✓
SAS	Seagate	Constellation ES	ST32000444SS	0004, 0005	2TB		✓
SAS	Seagate	Constellation ES	ST2000NM0001	0001	2TB		<i>Not tested</i>
SAS	Seagate	Constellation ES.2	ST33000650SS	0002	3TB		<i>Not tested</i>
SAS	Seagate	Constellation.2	ST91000640SS	0001	1TB		<i>Not tested</i>
SAS	Seagate	Savvio 10K.2	ST973402SS	0002	73GB		✓
SAS	Seagate	Savvio 10K.2	ST9146802SS	0002	146GB		✓
SAS	Seagate	Savvio 10K.3	ST9146703SS	0006	146GB		✓
SAS	Seagate	Savvio 10K.3	ST9146803SS	0006	146GB		✓
SAS	Seagate	Savvio 10K.3	ST9300503SS	0006	300GB		✓
SAS	Seagate	Savvio 10K.3	ST9300603SS	0006	300GB		✓
SAS	Seagate	Savvio 10K.4	ST9600204SS	0004	600GB		<i>Not tested</i>
SAS	Seagate	Savvio 10K.5	ST9900805SS	0001	900GB		<i>Not tested</i>
SAS	Seagate	Savvio 15K	ST936751SS	0001	36GB		✓
SAS	Seagate	Savvio 15K	ST973451SS	0001	73GB		✓

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SAS Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SAS	Seagate	Savvio 15K.2	ST9146752SS	0005	146GB		✓
SAS	Seagate	Savvio 15K.2	ST9146852SS	0005	73GB		✓
SAS	Seagate	Savvio 15K.2	ST973352SS	0005	73GB		✓
SAS	Seagate	Savvio 15K.2	ST973452SS	0005	73GB		✓
SAS	Seagate	Savvio 15K.3	ST9300653SS	0002	300GB		<i>Not tested</i>
SAS	Toshiba	MAV2*** RC Series	MAV2036RC	0110	36GB		✓
SAS	Toshiba	MAV2*** RC Series	MAV2073RC	0110	73GB		✓
SAS	Toshiba	MAX3*** RC Series	MAX3036RC	0102, 0104	36GB		✓
SAS	Toshiba	MAX3*** RC Series	MAX3073RC	0102, 0104	73GB		✓
SAS	Toshiba	MAX3*** RC Series	MAX3147RC	0104	147GB		✓
SAS	Toshiba	MAY2*** RC Series	MAY2036RC	0103	36GB		✓
SAS	Toshiba	MAY2*** RC Series	MAY2073RC	0103	73GB		✓
SAS	Toshiba	MBA3*** RC Series	MBA3073RC	0103	73GB		✓
SAS	Toshiba	MBA3*** RC Series	MBA3147RC	0103	147GB		✓
SAS	Toshiba	MBA3*** RC Series	MBA3300RC	0103	300GB		✓
SAS	Toshiba	MBB2*** RC Series	MBB2073RC	0105	73GB		✓
SAS	Toshiba	MBB2*** RC Series	MBB2147RC	0105	147GB		✓
SAS	Toshiba	MBC2*** RC Series	MBC2036RC	0104	36GB		✓
SAS	Toshiba	MBC2*** RC Series	MBC2073RC	0104	73GB		✓
SAS	Toshiba	MBD2*** RC Series	MBD2147RC	0102	147GB		✓
SAS	Toshiba	MBD2*** RC Series	MBD2300RC	0102	300GB		✓
SAS	Toshiba	MBE2*** RC Series	MBE2073RC	0103	73GB		✓
SAS	Toshiba	MBE2*** RC Series	MBE2147RC	0103	147GB		✓
SAS	Toshiba	MBF2** LRC Series	MBF245LRC	6102	450GB		<i>Not tested</i>
SAS	Toshiba	MBF2*** RC Series	MBF2600RC	0107	600GB		<i>N/A</i>
SAS	Toshiba	MKx001TRKB Series	MK2001TRKB	0105	2TB		<i>Not tested</i>
SAS	Western Digital	S25	WD1460BKFG	D0E0	146GB		✓
SAS	Western Digital	S25	WD3000BKFG	D0E0	300GB		✓
SAS	Western Digital	S25	WD4500BKFG	D0E0	450GB		✓
SAS	Western Digital	S25	WD4500BKHG	VG03	450GB		<i>Not tested</i>

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SATA Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SATA	Hitachi	Deskstar 5K3000	HDS5C3020ALA632	ML6OA180	2TB		✓
SATA	Hitachi	Deskstar 7K1000	HDS721010KLA330	GK8OA70M	1TB		✓
SATA	Hitachi	Deskstar 7K1000	HDS721075KLA330	GK8OA70M	750GB		✓
SATA	Hitachi	Deskstar 7K1000.B	HDT721016SLA380	ST6OA31B	160GB		✓
SATA	Hitachi	Deskstar 7K1000.B	HDT721025SLA380	ST6OA31B	250GB		✓
SATA	Hitachi	Deskstar 7K1000.B	HDT721032SLA360	ST6OA31B	320GB		✓
SATA	Hitachi	Deskstar 7K1000.B	HDT721050SLA360	ST6OA31B	500GB		✓
SATA	Hitachi	Deskstar 7K1000.B	HDT721064SLA360	ST6OA31B	640GB		✓
SATA	Hitachi	Deskstar 7K1000.B	HDT721075SLA360	ST6OA31B	750GB		✓
SATA	Hitachi	Deskstar 7K1000.B	HDT721010SLA360	ST6OA31B	1TB		✓
SATA	Hitachi	Deskstar 7K1000.C	HDS721075CLA332	JP3OA3EA	750GB		<i>Not tested</i>
SATA	Hitachi	Deskstar 7K1000.C	HDS721010CLA332	JP4OA3MA	1TB		<i>Not tested</i>
SATA	Hitachi	Deskstar 7K160	HDS721680PLA380	P22OA70A	80GB		✓
SATA	Hitachi	Deskstar 7K160	HDS721612PLA380	P22OA70A	120GB		✓
SATA	Hitachi	Deskstar 7K160	HDS721616PLA380	P22OA70A	160GB		✓
SATA	Hitachi	Deskstar 7K2000	HDS722020ALA330	JKAOA3MA	2TB		<i>Not tested</i>
SATA	Hitachi	Deskstar 7K3000	HDS723015BLA642	MN5OA580	1.5TB		<i>Not tested</i>
SATA	Hitachi	Deskstar 7K3000	HDS723030ALA640	MKAO580	3TB		✓
SATA	Hitachi	Deskstar E7K1000	HDE721010SLA330	ST6OA31B	1TB		✓
SATA	Hitachi	Deskstar E7K1000	HDE721050SLA330	ST6OA31B	500GB		✓
SATA	Hitachi	Deskstar E7K1000	HDE721075SLA330	ST6OA31B	750GB		✓
SATA	Hitachi	Deskstar P7K500	HDP725025GLA380	GM3OA52A	250GB		✓
SATA	Hitachi	Deskstar P7K500	HDP725032GLA360	GM3OA52A	320GB		✓
SATA	Hitachi	Deskstar P7K500	HDP725032GLA380	GM3OA52A	320GB		✓
SATA	Hitachi	Deskstar P7K500	HDP725040GLA360	GMDOA52A	400GB		✓
SATA	Hitachi	Deskstar P7K500	HDP725040GLA380	GM3OA52A	400GB		✓
SATA	Hitachi	Deskstar P7K500	HDP725050GLA360	GM4OA52A	500GB		✓
SATA	Hitachi	Deskstar P7K500	HDP725050GLA380	GM3OA52A	500GB		✓
SATA	Hitachi	Ultrastar 7K3000	HUA723020ALA640	MK7OA580	2TB		✓

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SATA Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SATA	Hitachi	Ultrastar 7K3000	HUA723030ALA640	MKAOA580	3TB		✓
SATA	Hitachi	Ultrastar A7K1000	HUA721010KLA330	GKAOA70M, GKAOAB0A	1TB		✓
SATA	Hitachi	Ultrastar A7K1000	HUA721050KLA330	GK6OA70M	500GB		✓
SATA	Hitachi	Ultrastar A7K1000	HUA721075KLA330	GK8OA70M	750GB		✓
SATA	Hitachi	Ultrastar A7K2000	HUA722050CLA330	JKAOA3EA	500GB		✓
SATA	Hitachi	Ultrastar A7K2000	HUA722010CLA330	JKAOA3EA	1TB		✓
SATA	Hitachi	Ultrastar A7K2000	HUA722020ALA330	JKAOA3EA	2TB		✓
SATA	Samsung	EcoGreen F1 DT	HD252HI	1AA001111	250GB		✓
SATA	Samsung	EcoGreen F1 DT	HD322HI	1AA001111	320GB		✓
SATA	Samsung	EcoGreen F1 DT	HD502JI	1AA001111	500GB		✓
SATA	Samsung	EcoGreen F1 DT	HD642JI	1AA001111	640GB		✓
SATA	Samsung	EcoGreen F1 DT	HD753LI	1AA001111	750GB		✓
SATA	Samsung	EcoGreen F1 DT	HD103UI	1AA001111	1TB		✓
SATA	Samsung	Spinpoint F1 DT	HD103UJ	1AA01107	1TB		✓
SATA	Samsung	Spinpoint F1 DT	HD161GJ	1AA01107	160GB		✓
SATA	Samsung	Spinpoint F1 DT	HD162GJ	1AA01107	160GB		✓
SATA	Samsung	Spinpoint F1 DT	HD251HJ	1AA01107	250GB		✓
SATA	Samsung	Spinpoint F1 DT	HD252HJ	1AA01107	250GB		✓
SATA	Samsung	Spinpoint F1 DT	HD322HJ	1AA01107	320GB		✓
SATA	Samsung	Spinpoint F1 DT	HD501IJ	1AA01107	500GB		✓
SATA	Samsung	Spinpoint F1 DT	HD502IJ	1AA01107	500GB		✓
SATA	Samsung	Spinpoint F1 DT	HD642JJ	1AA01107	650GB		✓
SATA	Samsung	Spinpoint F1 DT	HD752LJ	1AA01107	750GB		✓
SATA	Samsung	Spinpoint F1 DT	HD753LJ	1AA01107	750GB		✓
SATA	Samsung	Spinpoint F1 RAID Class	HE252HJ	1AA01108	250GB		✓
SATA	Samsung	Spinpoint F1 RAID Class	HE322HJ	1AA01108	320GB		✓
SATA	Samsung	Spinpoint F1 RAID Class	HE502IJ	1AA01108	500GB		✓
SATA	Samsung	Spinpoint F1 RAID Class	HE753LJ	1AA01108	750GB		✓
SATA	Samsung	Spinpoint F1 RAID Class	HE103UJ	1AA01111	1TB		✓
SATA	Samsung	SpinPoint F3	HD103SJ	1AJ10001	1TB		✓

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SATA Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SATA	Samsung	SpinPoint F3R	HE103SJ	1AJ10001	1TB		✓
SATA	Samsung	SpinPoint F4	HD322GJ	1AR10001	320GB		✓
SATA	Samsung	SpinPoint F4	HD204UI	1AQ10001	2TB		✓
SATA	Seagate	Barracuda 3.5" Internal Kit	ST320005N4A1AS	CC34	2TB		✓
SATA	Seagate	Barracuda 7200.12	ST31000528AS	CC46	1TB		✓
SATA	Seagate	Barracuda ES.2	ST3250310NS	SN06	250GB		✓
SATA	Seagate	Barracuda ES.2	ST3500320NS	SN06	500GB		✓
SATA	Seagate	Barracuda ES.2	ST3750330NS	SN06	750GB		✓
SATA	Seagate	Barracuda LP	ST31000520AS	CC34	1TB		✓
SATA	Seagate	Barracuda LP	ST31500541AS	CC34	1.5TB		✓
SATA	Seagate	Barracuda LP	ST32000542AS	CC32, CC34	2TB		✓
SATA	Seagate	Barracuda XT	ST32000641AS	CC13	2TB		✓
SATA	Seagate	Barracuda XT	ST33000651AS	CC44	3TB		✓
SATA	Seagate	Constellation	ST9160511NS	SN03	160GB		✓
SATA	Seagate	Constellation	ST9500530NS	SN03	500GB		✓
SATA	Seagate	Constellation ES	ST31000524NS	N005	1TB		<i>Not tested</i>
SATA	Seagate	Constellation ES	ST2000NM0011	0002	2TB		<i>Not tested</i>
SATA	Seagate	Constellation ES	ST32000644NS	SN11, SN12	2TB		✓
SATA	Seagate	Constellation ES	ST33000650NS	0001	3TB		✓
SATA	Seagate	Constellation.2	ST91000640NS	SN01	1TB		✓
SATA	Seagate	Momentum 5400.6	ST9500325AS	0001SDM1	500GB		✓
SATA	Seagate	Momentum 7200.4	ST9500420AS	0002SDM1	500GB		✓
SATA	Seagate	SV35.4 Series	ST3320410SV	CV11	320GB		✓
SATA	Toshiba	MHZ2 BK Series	MHZ2080BK	0000011E	80GB		✓
SATA	Toshiba	MHZ2 BK Series	MHZ2120BK	0000011E	120GB		✓
SATA	Toshiba	MHZ2 BK Series	MHZ2160BK	0000011E	160GB		✓
SATA	Toshiba	MHZ2 BK Series	MHZ2250BK	0000011E	250GB		✓
SATA	Toshiba	MHZ2 BS Series	MHZ2120BS	00000109	120GB		✓
SATA	Toshiba	MHZ2 BS Series	MHZ2250BS	00000109	250GB		✓
SATA	Toshiba	MJA2 BH Series	MJA2250BH	00000018	250GB		✓

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SATA Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SATA	Toshiba	MJA2 BH Series	MJA2320BH	00000018	320GB		✓
SATA	Toshiba	MJA2 BH Series	MJA2400BH	00000018	400GB		✓
SATA	Toshiba	MJA2 BH Series	MJA2500BH	00000018	500GB		✓
SATA	Toshiba	MKxx61GSYB Series	MK5061GSYB	ME0A	500GB		✓
SATA	Western Digital	VelociRaptor	WD1500BLFS	04.04V01	150GB		✓
SATA	Western Digital	VelociRaptor	WD1500HLFS	04.04V01	150GB		✓
SATA	Western Digital	VelociRaptor	WD3000BLFS	04.04V01	300GB		✓
SATA	Western Digital	VelociRaptor	WD3000GLFS	04.04V01	300GB		✓
SATA	Western Digital	VelociRaptor	WD3000HLFS	04.04V01	300GB		✓
SATA	Western Digital	WD RE3	WD2502ABYS	02.03B03	250GB		✓
SATA	Western Digital	WD RE4	WD2503ABYX	01.01S01	250GB		<i>Not tested</i>
SATA	Western Digital	WD RE3	WD3202ABYS	02.03B03	320GB		✓
SATA	Western Digital	WD RE3	WD5002ABYS	02.03B03	500GB		✓
SATA	Western Digital	WD RE3	WD7502ABYS	03.00C06	750GB		✓
SATA	Western Digital	WD RE3	WD1002FBYS	03.00C06	1TB		✓
SATA	Western Digital	WD RE4	WD1003FBYX	01.01V01	1TB		<i>Not tested</i>
SATA	Western Digital	WD RE4	WD2003FYYS	01.00D01, 01.01D01	2TB		✓
SATA	Western Digital	WD RE4-GP	WD2002FYPS	04.01G01, 04.05G04, 04.05G05	2TB		✓

Solid State Drives (SSD)					
Type	Manufacturer	Family	Model	FW Revision	Capacity
SATA	ATP	Velocity SII	AF64GSSCD-I	1002_0.4	64GB
SATA	Corsair	Force Series	CSSD-F120GB2	1.0	120GB
SAS	Hitachi	UltraStar SSD400S	HUSSL4040ASS600	A131	400GB
SATA	Intel	X25-E Extreme	SSDSA2SH064G1	8860	64GB
SATA	Intel	X25-E Extreme	SSDSA2SH032G1	8860	32GB
SATA	Intel	X25-M Mainstream	SSDSA2M160G2	2CV102HD	160GB
SATA	Intel	X25-M Mainstream	SSDSA2MJ080G2	2CV102HD	80GB
SATA	Intel	510 Series	SSDSC2MH12	PPG2	120GB
SATA	Intel	320 Series	SSDSA2CT04	4PC10302	40GB
SATA	Intel	320 Series	SSDSA2CW16	4PC10302	160GB
SATA	Kingston	SSDNow V+100 Series	SVP100S	CJRA0202	128GB
SATA	Micron	RealSSD P300	MTFD0AC050SAL-1N1AA	0001	50GB
SATA	OCZ Technology	Intrepid Series SATA II 2.5" SSD	ITDCSTE025M20-0256	1.5E	256GB
SATA	OCZ Technology	Intrepid Series SATA II 2.5" SSD	ITDCSTE025M20-0128	1.5E	128GB
SATA	OCZ Technology	Intrepid Series SATA II 2.5" SSD	ITDCSTE025M20-0064	1.5E	64GB
SATA	OCZ Technology	Intrepid Series SATA II 2.5" SSD	ITDCSTE025M20-0032	1.5E	32GB
SATA	OCZ Technology	Vertex 3 Series	VTX3-25SAT3-120G	2.06	120GB
SATA	OCZ Technology	Vertex 3 Series	VTX3-25SAT3-240G	2.06	240GB
SATA	Samsung	PM800	MMDOE56G5MXP-0VB	VBM1801Q	256GB
SATA	Samsung	PM800	MMCRE28G5MXP-0VB	VBM1801Q	128GB
SATA	Samsung	PM800	MMCRE64G5MXP-0VB	VBM1801Q	64GB
SATA	Samsung	SS415	MCCOE50G5MPQ-0VA	VAC2303Q	50GB
SATA	Samsung	SS415	MCBQE25G5MPQ-0VA	VAC2303Q	25GB
SATA	Samsung	SS805	MCCOE1HG5MXP-0VB	VBC3803Q	100GB
SATA	Samsung	SS805	MCB4E50G5MXP-0VB	VBC3803Q	50GB
SATA	Samsung	470 Series	MZ-5PA128	AXM0601Q	128GB
SATA	STEC	MACH8 SSD	MACH8 IO	1766	32GB
SATA	Super Talent	TeraDrive CT	FTM12CT25H	STTMP2P1	120GB
SATA	Toshiba	HG3 Series	THNSNC128GBSJ	CJRA0202	128GB
SATA	Toshiba	HG3 Series	THNSNC256GBSJ	CJRA0202	256GB

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Non-DASD					
Type	Manufacturer	Category	Model	FW Revision	Capacity
SATA	Asus	DVD-ROM	E818A3T	1.00	N/A
SATA	Asus	DVD-RW	DRW-1814BLT	1.04	N/A
SATA	Asus	DVD-RW	20B1LT	1.00	N/A
SATA	Asus	DVD-RW	2014L1T	1.02	N/A
SATA	Asus	DVD-RW	2014S1T	1.01	N/A
SATA	HP	CD-ROM	GCR-H11N	V613	N/A
SATA	HP	Tape	DAT-72	VC07A000	72GB
SAS	HP	Tape	LTO-4	U26W	800GB
SAS	HP	Tape	LTO-3	U12D	400GB
SAS	HP	Tape	LTO-2	T23D	400GB
SATA	lomega	Removable	RRD (REV-35)	062B	35GB
SATA	LG	DVD-RW	GH20NS15	IL00	N/A
SATA	LiteOn	DVD-ROM	DH-16D3S	SP52	N/A
SATA	LiteOn	DVD-ROM	DH-52C2S	NP57	N/A
SATA	LiteOn	DVD-RW	LH-20A1L	BL02, BL06	N/A
SATA	Pioneer	DVD-RW	DVR-212DBK	1.15	N/A
SATA	Pioneer	DVD-RW	DVR-216DBK	1.08	N/A
SATA	Plextor	DVD-RW	PX-716SA	1.08	N/A
SATA	Quantum	Removable	QR1201, GoVault	V0064000	120GB
SATA	Quantum	Tape	DLT-V4	0500	160GB
SAS	Quantum	Tape	LTO-3	2076	400GB
SATA	Quantum	Tape Drive	DLT-V4	0900	160GB
SATA	Quantum	Tape Drive	DAT-72	VC07A000	72GB
SATA	Samsung	DVD-RW	SHS223F	S800	N/A
SATA	Sony	Tape	SDX-870V	0100	390GB
SATA	Sony	Tape	SDX-570	0101	50GB
SATA	Sony	Tape	SDX-470	0101	35GB
SATA	Sony	Tape	SDX-470V (AIT1)	0100	40GB
SATA	SonyNEC	DVD-RW	AD-7201S	1.06	N/A
SATA	SonyNEC	DVD-RW	AD-7200S	1.06	N/A
SATA	Tandberg	Removable	RDX	0037	40GB
SAS	Tandberg	Tape	LTO-4	7381	800GB

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Minimum testing for listed host systems consists of single and multiple RAID controller recognition, RAID controller BIOS interaction with host, and operating system bootability from each RAID controller from every compatible PCI, PCI-X, or PCIe slot. Systems that are capable of supporting more than 4GB and more than 8GB 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.

Host Systems						
Manufacturer	Model	BIOS	Chipset	CPU	Memory	Memory Type
Asus	M2N-MX SE	201	NVIDIA GeForce 6100 nForce 430	AMD Athlon Dual	1GB	DDR2 800
Asus	P6T6 WS Revolution	0905	Intel X58	Intel i7 960 3.2GHz	4GB	DDR3
Asus	Z8NA-D6	1101	Intel 5500	Intel Xeon E5620 Quad Core 2.44 GHz	4GB	DDR3
Asus	P5K-VM	602	Intel G33	Intel Pentium D	1GB	DDR2 800
Dell	PowerEdge SC1420	A04	Intel E7520	Intel Xeon 3.0GHz	2GB	DDR2 400
Dell	PowerEdge SC1430	Phoenix BIOS Version 1.3.0	Intel 5000V	Intel Xeon 2.33Ghz	4GB	DDR2 444
Dell	PowerEdge SC430	Phoenix 1.10 A02	Intel E7230	Intel P4 2.8GHz	1.5GB	DDR2 444
Dell	PowerEdge SC830	A04	Intel E7320	Intel Pentium D 3.0 Ghz	2GB	DDR2 533/667
Dell	Precision 390	Phoenix A02	Intel 975X	Intel Core2 2.66GHz	4GB	DDR2 533
Dell	Precision 490	Phoenix A02	Intel 5000X	Intel Xeon 2.0GHz	4GB	DDR2 533/667
Dell	Precision 670	Phoenix A07	Intel 5000X	Intel Xeon 3.0GHz EM64T	4GB	DDR2 400
Dell	Precision 690	A04	Intel 5000X	Intel Xeon 3.2GHz	8GB	DDR2 533/667
HP	ProLiant ML370 G4	HP BIOS P50	Intel E7520	Intel Xeon 3.0 Ghz	2GB	DDR2 400
HP	WorkStation xw4300	786D3 01.06	Intel 955x	Intel P4 3.2GHz	2GB	DDR2 533/667

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Host Systems						
Manufacturer	Model	BIOS	Chipset	CPU	Memory	Memory Type
HP	WorkStation xw6200	V02.10	Intel E7525	Intel Xeon 3.0GHz	2GB	DDR2
HP	WorkStation xw8200	786B8 v2.08	Intel E7525	Intel Xeon 3.2GHz	1GB	DDR2 400
Intel	DG33FBC	DPP3510J .86A.0293. .2007.1002 .1519	Intel G33	Intel Core2 2.66GHz	1GB	DDR2 800
Intel	S3420GP	86B.01.01 0021	Intel 3420	Intel Xeon 2.66GHz	1GB	DDR3
Intel	S5000PSL	BIOS 96 BMC 64 FRU 46	Intel 5000P	Intel Xeon 2.66GHz	2GB	DDR2 533
Intel	S5500BC	BIOS 33 BMC 34 FRU 12	Intel 5520	Intel Xeon 5500	4GB	DDR3
Intel	S5500WB	BIOS 33 BMC 34 FRU 8	Intel 5520	Intel Xeon 5500	4GB	DDR3
Intel	S5500WBV	BIOS 33 BMC 34 FRU 8	Intel 5520	Intel Xeon 5500	4GB	DDR3
Intel	S5500WC	0033	Intel 5520/5500	Intel Quad-Core Xeon 3.2GHz	2GB	DDR3
Intel	S5520SC	BIOS 48 BMC 49 FRU 25	Intel 5520	Intel Xeon Dual Core E5502	2GB	DDR3
Intel	S5520SC	BIOS 57 BMC 56 FRU 30	Intel 5520	Intel Xeon Dual Core E5502	2GB	DDR3
Intel	SE7520BD2	P03_30 0019	Intel E7520	Intel Xeon 2.6GHz	2GB	DDR
Intel	SE7525RP2	AMI P.05 .00.0020	Intel E7525	Intel Xeon 2.8GHz	2GB	DDR2 400
Intel	SR1500 (S5000PAL)	BIOS 89 BMC 63 FRU 47	Intel 5000P	(2) Intel Dual Core Xeon 3.0GHz	1GB	DDR2

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Host Systems						
Manufacturer	Model	BIOS	Chipset	CPU	Memory	Memory Type
Intel	SR2500 ALBRP	BIOS 79 BMC 59 FRU 42	Intel 5000P	Intel Dual Core Xeon 3.0GHz	1GB	DDR2
Super Micro	CSE-733TQ	Phoenix 1.1C	Intel 5000	Intel Dual Core Xeon 1.86GHz	2GB	DDR2
Super Micro	H8DAE-2	Phoenix 1.1c	Nvidia MCP55 Pro	AMD	2GB	DDR2
Super Micro	H8DME	Phoenix 1.1C	Nvidia MCP55 Pro	AMD	2GB	DDR2 533/667
Super Micro	H8DMU+	8.00.14	Nvidia MCP55 Pro	AMD QC 2358 SE 2.4GHz	8GB	DDR2 667/533/400
Super Micro	X6DA3-G2	Phoenix 2.0b	Intel E7525	Intel Xeon 3.80GHz	2GB	DDR2-400
Super Micro	X6-DAL-G	1.1c	Intel E7525	Intel Xeon 2.8GHz	2GB	DDR 333/266
Super Micro	X6DH3-G2	Phoenix 2.0b	Intel E7520	Intel Xeon 3.8GHz	2GB	DDR2-400
Super Micro	X6DH8-G2	Phoenix 2.0b	Intel E7520	Intel Dual Core Xeon 2.8GHz	1GB	DDR2-400
Super Micro	X6DHE-G	Phoenix 2.0b	Intel E7520	(2) Intel Dual Core Xeon 2.8GHz	8GB	DDR 333
Super Micro	X6DHE-G2	Phoenix 2.0b	Intel E7520	(2) Intel Dual Core Xeon 2.8GHz	8GB	DDR 333
Super Micro	X6DVL-EG2	Phoenix 1.0a	Intel E7320	Intel Xeon 3.8GHz	2GB	DDR2-400
Super Micro	X7DB3	Phoenix 1.2	Intel 5000P	Intel Xeon 3.0GHz	4GB	DDR2-667
Super Micro	X7DVA-E	Phoenix 2.0b	Intel 5000V	Intel Xeon 3.0GHz	2GB	DDR2 533/667
Super Micro	X8DAi	08.00.15	Intel 5520/5500	Intel Quad-Core Xeon 3.2GHz	2GB	DDR3
Tyan	S2865	Award	Nvidia nForce 4 SMSC DME1737	AMD	2GB	DDR 333
Tyan	S2892 Thunder K8SE	Phoenix 2.04	Nvidia nForce Prof. 2200 (Crush K8-04 Pro)	AMD 2.0GHz	4GB	DDR 400

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Host Systems						
Manufacturer	Model	BIOS	Chipset	CPU	Memory	Memory Type
Tyan	S4985	2.04	nVidia nForce Prof. 2200/2050	Dual Core AMD Opteron processor 8218	4GB	DDR2 533/667
Tyan	S5372	Phoenix 4.0 Ver. 6.1	Intel 5000V	Intel Xeon 3.0GHz	4GB	DDR2 533/667

Note:

If you encounter problems with a certain system or device, check the manufacturer for the latest BIOS or microcode. Go to the Adaptec by PMC web site frequently for the latest updated list at <http://www.adaptec.com/compatibility>

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