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

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

Minimum testing for listed drive enclosures consists of recognition on each RAID controller model and 24 hours of data integrity I/O stress load on each RAID Level under a variety of RAID states (optimal, suboptimal, degraded, compressed, expanded, and migrating). For enclosures that have a FW Revision associated with them, indicating an intelligent backplane, Activity and Fault LEDs on the enclosure are also tested.

Enclosure							
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-3EC-80R-SA1S-2-R	Vitesse VSC7153	1.09g	N/A	N/A	16
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

Enclosure

Type	Manufacturer	Model	Expander Vendor	Expander FW Revision	SEP Vendor	SEP FW Revision	# of Bays
SAS/SATA	Chenbro	SR105	N/A	N/A	N/A	N/A	4
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
SATA	EMC	Bullet (No Temperature Management support)	Vitesse	1207	N/A	N/A	15
SAS/SATA	Enhance Tech	EnhanceBox E4 ML	N/A	N/A	N/A	N/A	4
SAS/SATA	Enhance Tech	EnhanceBox E4 MS	N/A	N/A	N/A	N/A	4
SAS/SATA	Enhance Tech	EnhanceBox E8 ML	N/A	N/A	N/A	N/A	8
SAS/SATA	Enhance Tech	EnhanceBox E8 MS	N/A	N/A	N/A	N/A	8
SAS/SATA	Enhance Tech	EnhanceRack R4 ML	N/A	N/A	N/A	N/A	4
SAS/SATA	Enhance Tech	EnhanceRack R4 MS	N/A	N/A	N/A	N/A	4
SAS/SATA	Enhance Tech	EnhanceRack R8 ML	N/A	N/A	N/A	N/A	8
SAS/SATA	Enhance Tech	EnhanceRack R8 MS	N/A	N/A	N/A	N/A	8
SAS/SATA	Intel	SC5400 AXX4DRV3GEXP	Vitesse VSC7161	2.09	N/A	N/A	4
SAS/SATA	Intel	SC5600 AXX4DRV3G	N/A	N/A	Vitesse VSC410	2.09	6
SAS/SATA	Intel	SC5600 AXX6DRV3G	N/A	N/A	Vitesse VSC410	2.09	6
SAS/SATA	Intel	SC5400 AXX6DRV3GEXP	Vitesse VSC7161	2.09	N/A	N/A	6
SAS/SATA	Intel	SR1500 ASR1500PASMP	N/A	N/A	Vitesse VSC410	2.05	3
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	LSI/Engenio	1333 Storage System	SYM3600-SAS	0166	N/A	N/A	12
SAS/SATA	Newisys	NDS-2120	DE5300-SAS	0216	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

Enclosure

Type	Manufacturer	Model	Expander Vendor	Expander FW Revision	SEP Vendor	SEP FW Revision	# of Bays
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
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 836TQ-R710B	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 836TQ-R800B	N/A	N/A	AMI MG9072	0003	8
SAS/SATA	Super Micro	SuperChassis 836TQ-R800V	N/A	N/A	AMI MG9072	0003	8
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

Enclosure							
Type	**Manufacturer**	**Model**	**Expander Vendor**	**Expander FW Revision**	**SEP Vendor**	**SEP FW Revision**	**# of Bays**
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-SA01-008-A1 (MiniBOD Series)	N/A	N/A	N/A	N/A	8
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-SA24-316R	Vitesse VSC7153	1.14.01f	N/A	N/A	16
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
SAS/SATA	Xyratex	RS-1603-E3-EBD-2	RS1603-SAS-01	0610	N/A	N/A	16

COMPATIBILITY   REPORT

Minimum testing for listed hard drives consists of recognition on each RAID controller model and 24 hours of data integrity I/O stress load on each RAID Level under a variety of RAID states (optimal, suboptimal, degraded, compressed, expanded, and migrating). Please note that some drive models may be listed twice if more than one drive firmware revision was tested.

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.

Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SAS	Hitachi	Ultrastar 15K147	HUS151414VLS300	A420, A540	146GB		✔
SAS	Hitachi	Ultrastar 15K147	HUS151436VLS300	A230, A420, A540	36GB		✔
SAS	Hitachi	Ultrastar 15K147	HUS151473VLS300	A420	73GB		✔
SAS	Hitachi	Ultrastar 15K300	HUS153014VLS300	A110	147GB		✔
SAS	Hitachi	Ultrastar 15K300	HUS153030VLS300	A110, A120, A320	300GB		✔
SAS	Hitachi	Ultrastar 15K300	HUS153073VLS300	A110	73GB		✔
SAS	Hitachi	Ultrastar 15K450	HUS154545VLS300	A4B0, A500	450GB		✔
SAS	Hitachi	Ultrastar 15K600	HUS156045VLS600	a53E	450GB		✔
SAS	Hitachi	Ultrastar 15K600	HUS156060VLS600	A392	600GB		✔
SAS	Hitachi	Ultrastar 15K600	HUS156030VLS600	A392	600GB		✔
SAS	Hitachi	Ultrastar 15K600	HUS156045VLS601	A392	450GB		✔
SAS	Hitachi	Ultrastar 15K600	HUS156060VLS601	A392	600GB		✔
SAS	Hitachi	Ultrastar 15K600	HUS156030VLS601	A392	600GB		✔
SAS	Hitachi	Ultrastar C10K147	HUC101414CSS300	A72F, A210	147GB		✔
SAS	Hitachi	Ultrastar C10K147	HUC101473CSS300	A110	73GB		✔
SAS	Hitachi	Ultrastar C10K300	HUC103014CSS600	A120	147GB		✔
SAS	Hitachi	Ultrastar C10K300	HUC103030CSS600	A120	300GB		✔
SAS	Seagate	Barracuda ES.2	ST31000340SS	NS06	1TB		✔
SAS	Seagate	Barracuda ES.2	ST31000640SS	0002	1TB		✔
SAS	Seagate	Barracuda ES.2	ST3500620SS	0002	500GB		✔
SAS	Seagate	Barracuda ES.2	ST3750630SS	0002	750GB		✔
SAS	Seagate	Cheetah 15K.4	ST3146854SS	0004	146GB		✔
SAS	Seagate	Cheetah 15K.4	ST336754SS	0004	36GB		✔

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Updated: 11/20/09   ARC-SAS Adaptec RAID 5405/5445/5805/5085/580Z/5445Z/5405Z   5

Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SAS	Seagate	Cheetah 15K.4	ST3733454SS	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.5	ST373455SS	0001, 0002, 0004	73GB		✔
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	300GB		✔
SAS	Seagate	Cheetah 15K.7	ST3450857SS	0005	450GB		✔
SAS	Seagate	Cheetah 15K.7	ST3600057SS	0005	600GB		✔
SAS	Seagate	Cheetah NS	ST3400755SS	0001	400GB		✔
SAS	Seagate	Constellation	ST9500430SS	0002	500GB		✔
SAS	Seagate	Constellation	ST9500431SS	002	500GB		✔
SAS	Seagate	Savvio 10K.1	ST936701SS	0004	36GB		✔
SAS	Seagate	Savvio 10K.1	ST973401SS	0002, 0004	73GB		✔
SAS	Seagate	Savvio 10K.2	ST9146802SS	0002	146GB		✔
SAS	Seagate	Savvio 10K.2	ST973402SS	0002	73GB		✔
SAS	Seagate	Savvio 15K	ST973451SS	0001	73GB		✔
SAS	Seagate	Savvio 15K	ST936751SS	0001	36GB		✔
SAS	Toshiba (Fujitsu)	MAV2*** RC Series	MAV2036RC	0110	36GB		✔
SAS	Toshiba (Fujitsu)	MAV2*** RC Series	MAV2073RC	0110	73GB		✔
SAS	Toshiba (Fujitsu)	MAX3*** RC Series	MAX3036RC	0102, 0104	36GB		✔
SAS	Toshiba (Fujitsu)	MAX3*** RC Series	MAX3073RC	0102, 0104	73GB		✔
SAS	Toshiba (Fujitsu)	MAX3*** RC Series	MAX3147RC	0104	147GB		✔
SAS	Toshiba (Fujitsu)	MAY2*** RC Series	MAY2036RC	0103	36GB		✔
SAS	Toshiba (Fujitsu)	MAY2*** RC Series	MAY2073RC	0103	73GB		✔
SAS	Toshiba (Fujitsu)	MBA3*** RC Series	MBA3073RC	0103	73GB		✔
SAS	Toshiba (Fujitsu)	MBA3*** RC Series	MBA3147RC	0103	147GB		✔
SAS	Toshiba (Fujitsu)	MBA3*** RC Series	MBA3300RC	0103	300GB		✔
SAS	Toshiba (Fujitsu)	MBB2*** RC Series	MBB2073RC	0105	73GB		✔
SAS	Toshiba (Fujitsu)	MBB2*** RC Series	MBB2147RC	0105	147GB		✔

Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SAS	Toshiba (Fujitsu)	MBC2*** RC Series	MBC2036RC	0104	36GB		✔
SAS	Toshiba (Fujitsu)	MBC2*** RC Series	MBC2073RC	0104	73GB		✔
SAS	Toshiba (Fujitsu)	MBD2*** RC Series	MBD2147RC	0102	147GB		✔
SAS	Toshiba (Fujitsu)	MBD2*** RC Series	MBD2300RC	0102	300GB		✔
SATA	Hitachi	Deskstar 7K1000	HDS721010KLA330	GKAOA70M	1000GB		✔
SATA	Hitachi	Deskstar 7K1000	HDS721075KLA330	GK80A70F	750GB		✔
SATA	Hitachi	Deskstar 7K1000.B	HDT721010SLA360	ST6OA31B	1TB		✔
SATA	Hitachi	Deskstar 7K1000.B	HDT721075SLA360	ST6OA31B	750GB		✔
SATA	Hitachi	Deskstar 7K1000.B	HDT721064SLA360	ST6OA31B	640GB		✔
SATA	Hitachi	Deskstar 7K1000.B	HDT721050SLA360	ST6OA31B	500GB		✔
SATA	Hitachi	Deskstar 7K1000.B	HDT721032SLA360	ST6OA31B	320GB		✔
SATA	Hitachi	Deskstar 7K1000.B	HDT721025SLA380	ST6OA31B	250GB		✔
SATA	Hitachi	Deskstar 7K1000.B	HDT721016SLA380	ST6OA31B	160GB		✔
SATA	Hitachi	Deskstar 7K160	HDS721612PLA380	P22OA70A	120GB		✔
SATA	Hitachi	Deskstar 7K160	HDS721616PLA380	P22OA70A	160GB		✔
SATA	Hitachi	Deskstar 7K160	HDS721680PLA380	P22OA70A	80GB		✔
SATA	Hitachi	Deskstar 7K2000	HDS722020ALA330	JKAOA20N	2TB		✔
SATA	Hitachi	Deskstar E7K1000	HDE721010SLA330	ST60A31B	1TB		✔
SATA	Hitachi	Deskstar E7K1000	HDE721050SLA330	ST60A31B	500GB		✔
SATA	Hitachi	Deskstar E7K1000	HDE721075SLA330	ST60A31B	750GB		✔
SATA	Hitachi	Deskstar E7K500	HDS725050KLA360	K2AOA60A, K2AOAD1A	500GB		✔
SATA	Hitachi	Deskstar E7K500	HDS725050KLA361	K2AOAF0D, K2AOAD1A	500GB		✔
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	Deskstar T7K250	HDT722516DLA380	V44OA96A	160GB	✔	✔

Hard Drives						Intelligent Power Management	
Type	**Manufacturer**	**Family**	**Model**	**FW Revision**	**Capacity**	**Standby Mode**	**Power-Off Mode**
SATA	Hitachi	Deskstar T7K250	HDT722520DLA380	V44OA96A	200GB	✔	✔
SATA	Hitachi	Deskstar T7K250	HDT722525DLA380	V44OA96A	250GB	✔	✔
SATA	Hitachi	Deskstar T7K500	HDT725025VLA360	V54OA52A	250GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725030VLA360	V54OA52A	300GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725030VLA380	V54OA52A	300GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725032VLA360	V54OA52A	320GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725032VLA380	V54OA52A	320GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725040VLA360	V5COA52A	400GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725040VLA380	V54OA52A	400GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725050VLA360	V54OA52A	500GB		✔
SATA	Hitachi	Deskstar T7K500	HDT725050VLA380	V54OA52A	500GB		✔
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	HUA722020ALA330	JKAOA20N	2TB		✔
SATA	Hitachi	Ultrastar A7K2000	HUA722010CLA330	JKAOA20N	1TB		✔
SATA	Hitachi	Ultrastar A7K2000	HUA722050CLA330	JKAOA20N	500GB		✔
SATA	Samsung	EcoGreen F1 DT	HD103UI	1AA001111	1TB		✔
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	Spinpoint F1 RAID Class	HE103UJ	1AA01108, 1AA01111	1TB		✔
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	Seagate	Barracuda 3.5" Internal Kit	ST320005N4A1AS	CC34	2TB		✔
SATA	Seagate	Barracuda 7200.10	ST3160215AS	3.AEG	160GB		✔

Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SATA	Seagate	Barracuda 7200.10	ST3160310AS	3.AEG	160GB		✔
SATA	Seagate	Barracuda 7200.10	ST3160815AS	3.AEG	160GB		✔
SATA	Seagate	Barracuda 7200.10	ST3250310AS	3.AEG	250GB		✔
SATA	Seagate	Barracuda 7200.10	ST3250410AS	3.AEG	250GB		✔
SATA	Seagate	Barracuda 7200.10	ST3250620AS	3.AEG	250GB		✔
SATA	Seagate	Barracuda 7200.10	ST3250820AS	3.AEG	250GB		✔
SATA	Seagate	Barracuda 7200.10	ST3320620AS	3.AEG	320GB		✔
SATA	Seagate	Barracuda 7200.10	ST3320820AS	3.AEG	320GB		✔
SATA	Seagate	Barracuda 7200.10	ST3400620AS	3.AEG	400GB		✔
SATA	Seagate	Barracuda 7200.10	ST3500630AS	3.AEG	500GB		✔
SATA	Seagate	Barracuda 7200.10	ST3750640AS	3.AEG	750GB		✔
SATA	Seagate	Barracuda 7200.10	ST380215AS	3.AEG	80GB		✔
SATA	Seagate	Barracuda 7200.10	ST380815AS	3.AEG	80GB		✔
SATA	Seagate	Barracuda 7200.11	ST31500341AS	CC1H, SD1A, SD1B	1.5TB		✔
SATA	Seagate	Barracuda 7200.11	ST31000333AS	CC1H	1TB		✔
SATA	Seagate	Barracuda 7200.11	ST3750630AS	SD1A	750GB		✔
SATA	Seagate	Barracuda 7200.11	ST3750330AS	SD1A	750GB		✔
SATA	Seagate	Barracuda 7200.11	ST3640323AS	SD1A	640GB		✔
SATA	Seagate	Barracuda 7200.11	ST3500320AS	SD1A	500GB		✔
SATA	Seagate	Barracuda 7200.11	ST3500620AS	SD1A	500GB		✔
SATA	Seagate	Barracuda 7200.11	ST3320613AS	SD1A	320GB		✔
SATA	Seagate	Barracuda 7200.11	ST3160813AS	SD1A	160GB		✔
SATA	Seagate	Barracuda ES.2	ST31000340NS	SN06, CN06	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	ST32000542AS	CC32	2TB		✔
SATA	Seagate	Barracuda LP	ST31500541AS	CC32	1.5TB		✔
SATA	Seagate	Barracuda LP	ST31000520AS	CC32	1TB		✔
SATA	Seagate	Constellation	ST9160511NS	SN03	160GB		✔
SATA	Seagate	Constellation	ST9500530NS	SN03	500GB		✔

Hard Drives						Intelligent Power Management	
Type	Manufacturer	Family	Model	FW Revision	Capacity	Standby Mode	Power-Off Mode
SATA	Seagate	SV35.3 Series	ST31000340SV	SV16	1TB		✔
SATA	Seagate	SV35.3 Series	ST3250310SV	SV16	250GB		✔
SATA	Seagate	SV35.3 Series	ST3500320SV	SV16	500GB		✔
SATA	Seagate	SV35.3 Series	ST3750330SV	SV16	750GB		✔
SATA	Seagate	SV35.4 Series	ST3320410SV	CV11	320GB		✔
SATA	Toshiba (Fujitsu)	MHZ2 BK Series	MHZ2080BK	0000011E	80GB		✔
SATA	Toshiba (Fujitsu)	MHZ2 BK Series	MHZ2120BK	0000011E	120GB		✔
SATA	Toshiba (Fujitsu)	MHZ2 BK Series	MHZ2160BK	0000011E	160GB		✔
SATA	Toshiba (Fujitsu)	MHZ2 BK Series	MHZ2250BK	0000011E	250GB		✔
SATA	Toshiba (Fujitsu)	MHZ2 BS Series	MHZ2120BS	00000109	120GB		✔
SATA	Toshiba (Fujitsu)	MHZ2 BS Series	MHZ2250BS	00000109	250GB		✔
SATA	Toshiba (Fujitsu)	MJA2 BH Series	MJA2500BH	00000018	500GB		✔
SATA	Toshiba (Fujitsu)	MJA2 BH Series	MJA2400BH	00000018	400GB		✔
SATA	Toshiba (Fujitsu)	MJA2 BH Series	MJA2320BH	00000018	320GB		✔
SATA	Toshiba (Fujitsu)	MJA2 BH Series	MJA2250BH	00000018	250GB		✔
SATA	Western Digital	Caviar Blue	WD2500AAKS	11.02N11	250GB		✔
SATA	Western Digital	Caviar Blue	WD3200AAKS	11.02N11	320GB		✔
SATA	Western Digital	Caviar Blue	WD4000AAKS	11.02N11	400GB		✔
SATA	Western Digital	Caviar Blue	WD5000AAKS	11.02N11	500GB		✔
SATA	Western Digital	Caviar Blue	WD6400AAKS	11.02N11	640GB		✔
SATA	Western Digital	Caviar Blue	WD7500AAKS	11.02N11	750GB		✔
SATA	Western Digital	Caviar Green	WD20EADS	01.00A01	2TB		✔
SATA	Western Digital	Caviar Green	WD15EADS	01.00A01	1.5TB		✔
SATA	Western Digital	Caviar Green	WD10EADS	01.00A01	1TB		✔
SATA	Western Digital	Caviar Green	WD7500AADS	01.00A01	750GB		✔
SATA	Western Digital	Caviar Green	WD5000AADS	01.00A01	500GB		✔
SATA	Western Digital	Caviar Green	WD10EACS	01.01B01	1TB		✔
SATA	Western Digital	Caviar Green	WD7500AACS	01.01B01	750GB		✔
SATA	Western Digital	Caviar Green	WD6400AACS	01.01B01	640GB		✔
SATA	Western Digital	Caviar Green	WD5000AACS	01.01B01	500GB		✔
SATA	Western Digital	VelociRaptor	WD1500BLFS	04.04V01	150GB		✔

Hard Drives						Intelligent Power Management	
Type	**Manufacturer**	**Family**	**Model**	**FW Revision**	**Capacity**	**Standby Mode**	**Power-Off Mode**
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 RE2	WD1601ABYS	06.06H05	160GB		✔
SATA	Western Digital	WD RE2	WD3201ABYS	06.06H05	320GB		✔
SATA	Western Digital	WD RE2	WD4001ABYS	06.06H05	400GB		✔
SATA	Western Digital	WD RE2	WD5001ABYS	06.06H05	500GB		✔
SATA	Western Digital	WD RE2	WD7500AYYS	30.04G30	750GB		✔
SATA	Western Digital	WD RE2-GP	WD1000FYPS	02.01B01, 03.A03	1TB		✔
SATA	Western Digital	WD RE2-GP	WD5000ABPS	02.01B01	500GB		✔
SATA	Western Digital	WD RE2-GP	WD7500AYPS	02.01B01	750GB		✔
SATA	Western Digital	WD RE3	WD1002FBYS	03.00C06	1TB		✔
SATA	Western Digital	WD RE3	WD7502ABYS	03.00C06	750GB		✔
SATA	Western Digital	WD RE3	WD5002ABYS	03.00C06	500GB		✔
SATA	Western Digital	WD RE3	WD3202ABYS	03.00C06	320GB		✔
SATA	Western Digital	WD RE3	WD2502ABYS	03.00C06	250GB		✔
SATA	Western Digital	WD RE4	WD2003FYYS	01.00D01	2TB		✔
SATA	Western Digital	WD RE4-GP	WD2002FYPS	04.05G04	2TB		✔

Solid State Drives (SSD)					
Type	**Manufacturer**	**Family**	**Model**	**FW Revision**	**Capacity**
SATA	ATP Electronics	Velocity SI	AF32GSSCD-S	20090521	32GB
SATA	ATP Electronics	Velocity SI	AF64GSSCD-S	20090521	64GB
SATA	Intel	X25-E Extreme SATA Solid State Drive	SSDSA2SH032G1	8820	32GB
SATA	Intel	X25-E Extreme SATA Solid State Drive	SSDSA2SH064G1	8820	64GB
SATA	Intel	X25-M and X18-M Mainstream SATA Solid State Drive	X25-M and X18-M Mainstream SATA Solid State Drive	8820	80GB
SATA	Intel	X25-M and X18-M Mainstream	X25-M and X18-M Mainstream SATA Solid	8820	160GB

Solid State Drives (SSD)

Type	Manufacturer	Family	Model	FW Revision	Capacity
		SATA Solid State Drive	State Drive		
SATA	Memo Right	eSSD GT Series	MR25.2-S032G	B8E08D1C	32GB
SATA	Memo Right	eSSD GT Series	MR25.2-S064G	B8E08D1C	64GB
SATA	Memo Right	eSSD GT Series	MR25.2-S128G	B8E08D1C	128GB
SATA	MTRON	Mtron SSD PRO - MSP 7000	MSP-SATA7025-016	0.16R1h1	16GB
SATA	MTRON	Mtron SSD PRO - MSP 7000	MSP-SATA7025-032	0.16R1h1	32GB
SATA	MTRON	Mtron SSD PRO - MSP 7000	MSP-SATA7025-064	0.16R1h1	64GB
SATA	MTRON	Mtron SSD PRO - MSP 7000	MSP-SATA7035-016	0.16R1h1	16GB
SATA	MTRON	Mtron SSD PRO - MSP 7000	MSP-SATA7035-032	0.16R1h1	32GB
SATA	MTRON	Mtron SSD PRO - MSP 7000	MSP-SATA7035-064	0.16R1h1	64GB
SATA	MTRON	Mtron SSD PRO - MSP 7000	MSP-SATA7035-128	0.16R1h1	128GB
SATA	OCZ	Vertex Series	OCZSSD2-1VTX30G	1.4	30GB
SATA	OCZ	Vertex Series	OCZSSD2-1VTX60G	1.4	60GB
SATA	OCZ	Vertex Series	OCZSSD2-1VTX120G	1.4	120GB
SATA	OCZ	Vertex Series	OCZSSD2-1VTX250G	1.4	250GB
SATA	Samsung	SA21.5-J	MCBQE25G5MPQ-0VA	VAC2303Q	25GB
SATA	Samsung	SA21.5-J	MCCOE50G5MPQ-0VA	VAC2303Q	50GB
SATA	Samsung	SS805	MCB4E50G5MXP-0VB	VBC3	50GB
SATA	Samsung	SS805	MCCOE1HG5MXP-0VB	VBC3	100GB
SATA	SoliData	K1 Series	K1-16	J090429	16GB
SATA	SoliData	K1 Series	K1-32	J090429	32GB
SATA	SoliData	K1 Series	K1-64	J090429	64GB
SATA	SoliData	K2 Series	K2-32	081210	32GB
SATA	SoliData	K2 Series	K2-64	081210	64GB
SATA	SoliData	K2 Series	K2-128	081210	128GB
SATA	SoliData	X3 Series	X3	0954	32GB
SATA	STEC	MACH8 SSD	MACH8 IO	1766	32GB

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 then 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	PCIe x1	PCIe x4	PCIe x8	PCIe x16	PCI-X	PCI 64 (3.3v)	PCI 64 (5v)	PCI 32 (3.3v)	PCI 32 (5v)	CPU	Memory	Memory Type
Asus	M2N-MX SE	201	NVIDIA GeForce 6100 nForce 430	1	0	0	1	0	0	0	0	2	AMD Athlon Dual	1GB	DDR2 800
Asus	P5K-VM	602	Intel G33	0	1	0	1	0	0	0	0	2	Intel Pentium D	1GB	DDR2 800
Dell	PowerEdge SC1420	A04	Intel E7520	0	1	0	0	3	0	0	0	3	Intel Xeon 3.0GHz	2GB	DDR2 400
Dell	PowerEdge SC1430	Phoenix BIOS Version 1.3.0	Intel 5000V	0	2	0	0	2	0	0	0	1	Intel Xeon 2.33Ghz	4GB	DDR2 444
Dell	PowerEdge SC430	Phoenix 1.10 A02	Intel E7230	0	0	1	1	0	0	0	0	2	Intel P4 2.8GHz	1.5GB	DDR2 444
Dell	PowerEdge SC830	A04	Intel E7320	1	0	1	0	2	0	0	1	0	Intel Pentium D 3.0 Ghz	2GB	DDR2 533/667
Dell	Precision 390	Phoenix A02	Intel 975X	1	0	1	1	0	0	0	0	3	Intel Core2 2.66GHz	4GB	DDR2 533
Dell	Precision 490	Phoenix A02	Intel 5000X	0	0	3	3	2	0	0	1	0	Intel Xeon 2.0GHz	4GB	DDR2 533/667
Dell	Precision 670	Phoenix A07	Intel 5000X	0	1	0	1	3	0	0	0	0	Intel Xeon 3.0GHz EM64T	4GB	DDR2 400
Dell	Precision 690	A04	Intel 5000X	1	0	1	0	2	0	0	1	0	Intel Xeon 3.2GHz	8GB	DDR2 533/667
HP	ProLiant ML370 G4	HP BIOS P50	Intel E7520	0	2	0	0	4	0	0	0	0	Intel Xeon 3.0 Ghz	2GB	DDR2 400
HP	WorkStation xw4300	786D3 01.06	Intel 955x	1	1	0	1	0	0	0	0	3	Intel P4 3.2GHz	2GB	DDR2 533/667
HP	WorkStation xw6200	V02.10	Intel E7525	0	0	1	1	0	0	0	0	4	Intel Xeon 3.0GHz	2GB	DDR2
HP	WorkStation xw8200	786B8 v2.08	Intel E7525	0	0	1	1	3	0	0	0	2	Intel Xeon 3.2GHz	1GB	DDR2 400
Intel	DG33FBC	DPP3510J .86A.0293.	Intel G33	3	0	0	1	0	0	0	0	3	Intel Core2 2.66GHz	1GB	DDR2 800

Host Systems														
Manufacturer	Model	BIOS	Chipset	PCIe x1	PCIe x4	PCIe x8	PCIe x16	PCI-X	PCI 64 (3.3v)	PCI 64 (5v)	PCI 32 (3.3v)	PCI 32 (5v)	CPU	Memory	Memory Type
		.2007.1002 .1519													
Intel	S3420GP	86B.01.01 0021	Intel 3420	0	1	3	1	0	0	0	1	0	Intel Xeon 2.66GHz	1GB	DDR3
Intel	S5000PSL	BIOS 96 BMC 64 FRU 46	Intel 5000P	0	0	2	2	2	0	0	0	0	Intel Xeon 2.66GHz	2GB	DDR2 533
Intel	S5500BC	BIOS 33 BMC 34 FRU 12	Intel 5520	0	2	2	0	0	0	0	0	1	Intel Xeon 5500	4GB	DDR3
Intel	S5500WB	BIOS 33 BMC 34 FRU 8	Intel 5520	0	1	1	0	0	0	0	0	0	Intel Xeon 5500	4GB	DDR3
Intel	S5500WBV	BIOS 33 BMC 34 FRU 8	Intel 5520	0	1	1	0	0	0	0	0	0	Intel Xeon 5500	4GB	DDR3
Intel	S5500WC	0033	Intel 5520/5500	0	1	0	1	0	0	0	0	0	Intel Quad-Core Xeon 3.2GHz	2GB	DDR3
Intel	SE7520BD2	P03_30 0019	Intel E7520	0	1	1	0	2	0	0	0	1	Intel Xeon 2.6GHz	2GB	DDR
Intel	SE7525RP2	AMI P.05 .00.0020	Intel E7525	0	1	0	1	2	0	0	0	2	Intel Xeon 2.8GHz	2GB	DDR2 400
Intel	SR1500 (S5000PAL)	BIOS 89 BMC 63 FRU 47	Intel 5000P	0	0	1	0	1	0	0	0	0	(2) Intel Dual Core Xeon 3.0GHz	1GB	DDR2
Intel	SR2500 ALBRP	BIOS 79 BMC 59 FRU 42	Intel 5000P	0	0	1	0	1	0	0	0	0	Intel Dual Core Xeon 3.0GHz	1GB	DDR2
Super Micro	CSE-733TQ	Phoenix 1.1C	Intel 5000	0	1	1	0	1	0	0	0	1	Intel Dual Core Xeon 1.86GHz	2GB	DDR2
Super Micro	H8DAE-2	Phoenix 1.1c	Nvidia MCP55 Pro	0	1	1	2	2	0	0	0	0	AMD	2GB	DDR2
Super Micro	H8DME	Phoenix 1.1C	Nvidia MCP55 Pro	0	0	2	0	4	0	0	0	0	AMD	2GB	DDR2 533/667
Super Micro	H8DMU+	8.00.14	Nvidia MCP55 Pro	0	1	5	0	0	0	0	0	0	AMD QC 2358 SE 2.4GHz	8GB	DDR2 667/533/400
Super Micro	X6DA3-G2	Phoenix 2.0b	Intel E7525	0	1	0	1	3	0	0	0	1	Intel Xeon 3.80GHz	2GB	DDR2-400

Host Systems																
Manufacturer	Model	BIOS	Chipset	PCIe x1	PCIe x4	PCIe x8	PCIe x16	PCI-X	PCI 64 (3.3v)	PCI 64 (5v)	PCI 32 (3.3v)	PCI 32 (5v)	CPU	Memory	Memory Type
Super Micro	X6-DAL-G	1.1c	Intel E7525	0	0	1	1	2	0	0	0	2	Intel Xeon 2.8GHz	2GB	DDR 333/266
Super Micro	X6DH3-G2	Phoenix 2.0b	Intel E7520	0	0	2	0	3	0	0	0	1	Intel Xeon 3.8GHz	2GB	DDR2-400
Super Micro	X6DH8-G2	Phoenix 2.0b	Intel E7520	0	0	2	0	3	0	0	0	1	Intel Dual Core Xeon 2.8GHz	1GB	DDR2-400
Super Micro	X6DHE-G	Phoenix 2.0b	Intel E7520	0	0	2	0	3	0	0	0	1	(2) Intel Dual Core Xeon 2.8GHz	8GB	DDR 333
Super Micro	X6DHE-G2	Phoenix 2.0b	Intel E7520	0	0	2	0	3	0	0	0	1	(2) Intel Dual Core Xeon 2.8GHz	8GB	DDR 333
Super Micro	X6DVL-EG2	Phoenix 1.0a	Intel E7320	0	2	0	0	0	0	0	0	3	Intel Xeon 3.8GHz	2GB	DDR2-400
Super Micro	X7DB3	Phoenix 1.2	Intel 5000P	0	0	3	0	3	0	0	0	0	Intel Xeon 3.0GHz	4GB	DDR2-667
Super Micro	X7DVA-E	Phoenix 2.0b	Intel 5000V	0	1	1	0	2	0	0	1	0	Intel Xeon 3.0GHz	2GB	DDR2 533/667
Super Micro	X8DAi	08.00.15	Intel 5520/5500	0	1	0	2	0	0	0	0	3	Intel Quad-Core Xeon 3.2GHz	2GB	DDR3
Tyan	S2865	Award	Nvidia nForce 4 SMSC DME1737	2	0	0	1	0	0	0	0	4	AMD	2GB	DDR 333
Tyan	S2892 Thunder K8SE	Phoenix 2.04	Nvidia nForce Prof. 2200 (Crush K8-04 Pro)	0	0	2	0	3	0	0	0	1	AMD 2.0GHz	4GB	DDR 400
Tyan	S4985	2.04	nVidia nForce Prof. 2200/2050	0	2	0	2	0	0	0	1	0	Dual Core AMD Opteron processor 8218	4GB	DDR2 533/667
Tyan	S5372	Phoenix 4.0 Ver. 6.1	Intel 5000V	0	1	1	0	1	0	0	1	0	Intel Xeon 3.0GHz	4GB	DDR2 533/667

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	Iomega	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

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 http://www.adaptec.com/compatibility

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