



3ware 9690SA Drive 9.5.3 code set Compatibility List

July 2010 (http://www.3ware.com/products/sys_compatibility.asp
<http://kb.lsi.com/Download15816.aspx>)

Supported Drive List

The drives listed below have been tested on the 3ware 9690SA series controllers for data integrity, interoperability and compatibility. Any special conditions or problem are noted below. 3ware recommends burning in new disk drives for at least 48 hours before use.
<http://kb.lsi.com/KnowledgebaseArticle13594.aspx>

Some drives are listed as 'In tested family'. Although not specifically tested, these drives are in the same family as other drives are have been tested. In general if one drive in the family passed compatibility testing, then as long as other drives in the same family have the same firmware or newer then likely they will function just as well.

Direct Attached

Manufacturer	Model / Family	Firmware	Capacity (GB)	NCQ	Drive Type - Form Factor - Speed	Other Information (drives are 7200RPM unless stated otherwise)
Fujitsu	10K Enterprise					
	MAV2036RC	109	36		SAS - 2.5" - 3.0 Gb/s	10K RPM
	MAV2073RC		73		SAS - 2.5" - 3.0 Gb/s	In tested family
Fujitsu	15K Enterprise					
	MAX3036RC		36		SAS - 2.5" - 3.0 Gb/s	15K RPM
	MAX3073RC	D206	73		SAS - 2.5" - 3.0 Gb/s	15K RPM
	MAX3147RC		147		SAS - 2.5" - 3.0 Gb/s	15K RPM
Fujitsu	10K SFF Enterprise					
	MAY2036RC		36		SAS - 2.5" - 3.0 Gb/s	In tested family
	MAY2073RC		73		SAS - 2.5" - 3.0 Gb/s	10K RPM
Fujitsu	10K SFF Enterprise					
	MBB2073RC		73	Yes	SAS - 2.5" - 3.0 Gb/s	In tested family
	MBB2147RC	105	147	Yes	SAS - 2.5" - 3.0 Gb/s	10K RPM
Fujitsu	MBA3 RC Series					
	MBA3073RC		73	Yes	SAS - 3.5" - 3.0 Gb/s	In tested family
	MBA3147RC	103	147	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	MBA3300RC	103	300	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
Hitachi	Ultrastar A7K1000					
	HUA721050KLA330	GK60AB0A	500	Yes	3.0 Gb/s	32 MB buffer
	HUA721075KLA330	GK80A70M	750	Yes	3.0 Gb/s	32 MB buffer
	HUA721010KLA330	GKA0A70M	1000	Yes	3.0 Gb/s	32 MB buffer
Hitachi	Ultrastar A7K2000					
	HUA722050CLA330		500	Yes	3.0 Gb/s	In tested family
	HUA722010CLA330	JP40A39C	1000	Yes	3.0 Gb/s	32 MB buffer
	HUA722020ALA330		2000	Yes	3.0 Gb/s	In tested family
	HUA722050CLA331		500	Yes	3.0 Gb/s	In tested family
	HUA722010CLA331		1000	Yes	3.0 Gb/s	In tested family
	HUA722020ALA331		2000	Yes	3.0 Gb/s	In tested family
Hitachi	Deskstar 7K160					
	HDS721680PLA380		80			8 MB buffer
	HDS721616PLA380		160	Yes	3.0 Gb/s	8 MB buffer
Hitachi	Deskstar 7K500					
	HDS725050KLA360	K2AOAB0A	500	Yes	3.0 Gb/s	
Hitachi	Deskstar 7K1000					
	HDS721075KLA330	GKA0A51D	750	Yes	3.0 Gb/s	8 MB buffer
	HDS721010KLA330	GKA0A51D	1000	Yes	3.0 Gb/s	8 MB buffer
Hitachi	Deskstar P7K500					
	HDP725025GLA380		250	Yes	3.0 Gb/s	In tested family
	HDP725032GLA360		320	Yes	3.0 Gb/s	In tested family
	HDP725032GLA380		320	Yes	3.0 Gb/s	In tested family
	HDP725040GLA360		400	Yes	3.0 Gb/s	In tested family
	HDP725040GLA380		400	Yes	3.0 Gb/s	In tested family
	HDP725050GLA360	GM40A52A	500	Yes	3.0 Gb/s	16 MB buffer
	HDP725050GLA380	GM40A52A	500	Yes	3.0 Gb/s	In tested family



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Hitachi	Deskstar 7K2000					
	HDS722020ALA330	JKA0A3EA	2000	Yes	3.0 Gb/s	32 MB buffer
Hitachi	Deskstar 15K147					
	HUS151436VLS300		36	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	HUS151473VLS300		73	Yes	SAS - 3.5" - 3.0 Gb/s	In tested family
	HUS151414VLS300		147	Yes	SAS - 3.5" - 3.0 Gb/s	In tested family
Hitachi	Deskstar 15K300					
	HUS153073VLS300	J2W7H5WA	73	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	HUS153014VLS300	A140	147	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	HUS153030VLS300		300	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
Maxtor	Maxtor					
	8E036S0	BK00	36		SAS - 3.5" - 3.0 Gb/s	15K RPM
Maxtor	Maxtor					
	8K036S0	BG3R	36		SAS - 3.5" - 3.0 Gb/s	15K RPM
Samsung	F1 RAID Class					
	HE753LJ		750	Yes	3.0 Gb/s	In tested family
	HE103UJ	1AA01108	1000	Yes	3.0 Gb/s	32 MB buffer
Seagate	Barracuda ES Family					
	ST3250620NS		250	Yes	3.0 Gb/s	In tested family
	ST3250820NS	3.AEE	250	Yes	3.0 Gb/s	In tested family
	ST3320620NS		320	Yes	3.0 Gb/s	In tested family
	ST3400620NS		400	Yes	3.0 Gb/s	In tested family
	ST3500630NS	3.AEG	500	Yes	3.0 Gb/s	16 MB buffer
	ST3750640NS	3.AEK	750	Yes	3.0 Gb/s	16 MB buffer
Seagate	Barracuda ES.2 Family ²					
	ST3250310NS	SN06	250	Yes	3.0 Gb/s	16 MB buffer
	ST3500320NS	SN06	500	Yes	3.0 Gb/s	16 MB buffer
	ST3500620SS	0001	500	Yes	SAS - 3.5" - 3.0 Gb/s	16 MB buffer
	ST3750330NS	SN06	750	Yes	3.0 Gb/s	16 MB buffer
	ST3750630SS	0003	750	Yes	SAS - 3.5" - 3.0 Gb/s	16 MB buffer
	ST31000340NS	SN06	1000	Yes	3.0 Gb/s	16 MB buffer
	ST31000640SS	0003	1000	Yes	SAS - 3.5" - 3.0 Gb/s	16 MB buffer
Seagate	Constellation					
	ST32000644NS	AN11	2000	Yes	3.0 Gb/s	
Seagate	Cheetah 15K.4					
	ST336754SS	0003	73	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	ST373454SS	0003	146	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	ST3146854SS	0003	300	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
Seagate	Cheetah 15K.5					
	ST373455SS	0002/RS02	73	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	ST3146855SS	0003	146	Yes	SAS - 3.5" - 3.0 Gb/s	In tested family
	ST3300655SS	0002	300	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
Seagate	Cheetah 15K.6					
	ST3146356SS	003	146	Yes	SAS - 3.5" - 3.0 Gb/s	15K RPM
	ST3300656SS		300	Yes	SAS - 3.5" - 3.0 Gb/s	In tested family
	ST3450856SS		450	Yes	SAS - 3.5" - 3.0 Gb/s	In tested family
Seagate	Savvio® 10K.2					
	ST973402SS	0002	73	Yes	SAS - 2.5" - 3.0 Gb/s	10K RPM
	ST9146802SS	0003	146	Yes	SAS - 2.5" - 3.0 Gb/s	10K RPM
Seagate	Savvio® 15K					
	ST936751SS	0003	36	Yes	SAS - 2.5" - 3.0 Gb/s	15K RPM
	ST973451SS	0001	73	Yes	SAS - 2.5" - 3.0 Gb/s	15K RPM
Seagate	SV35.3 Series					
	ST3250310SV		250	Yes	3.0 Gb/s	In tested family
	ST3500320SV		500	Yes	3.0 Gb/s	In tested family
	ST3750330SV		750	Yes	3.0 Gb/s	In tested family



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	ST31000340SV	SV16	1000	Yes	3.0 Gb/s	
Western Digital	Caviar SE 16					
	WD4000KD	01.06A01	400	No	1.5 Gb/s	16 MB buffer, ROHS
	WD5000KS		500	Yes	3.0 Gb/s	In tested family
Western Digital	WD RE2					
	WD4000YS	09.02E09	400	Yes	3.0 Gb/s	16 MB buffer
	WD4000ABYS		400	Yes	3.0 Gb/s	In tested family
	WD5000YS	07.02E07	500	Yes	3.0 Gb/s	In tested family
	WD1601ABYS					In tested family
	WD2502ABYS	02.03B02	250	Yes	3.0 Gb/s	16 MB buffer
	WD5000ABYS	12.01C01	500	Yes	3.0 Gb/s	16 MB buffer
	WD3201ABYS	13.01C02	320	Yes	3.0 Gb/s	16 MB buffer
	WD4001ABYS		400	Yes	3.0 Gb/s	In tested family
	WD5001ABYS		500	Yes	3.0 Gb/s	In tested family
Western Digital	WD VelociRaptor					
	WD1500HLFS		150	Yes	3.0 Gb/s	In tested family
	WD3000HLFS	04.04V01	300	Yes	3.0 Gb/s	16 MB buffer
Western Digital	WD VelociRaptor					
	WD1500BLFS		150	Yes	SATA - 2.5" - 3.0 Gb/s	In tested family
	WD3000BLFS	04.04V01	300	Yes	SATA - 2.5" - 3.0 Gb/s	16 MB buffer
Western Digital	WD RE2-GP					
	WD5000ABPS		500	Yes	3.0 Gb/s	In tested family
	WD7500AYPS		750	Yes	3.0 Gb/s	In tested family
	WD1000FYPS	02.01B01	1000	Yes	3.0 Gb/s	16 MB buffer
Western Digital	WD RE3					
	WD2502ABYS	02.03B02	250	Yes	3.0 Gb/s	16 MB buffer
	WD3202ABYS	02.03B02	320	Yes	3.0 Gb/s	16 MB buffer
	WD5002ABYS	02.03B02	500	Yes	3.0 Gb/s	16 or 32 MB
	WD7502ABYS		750	Yes	3.0 Gb/s	In tested family
	WD1002FBYS ¹	03.00C05	1000	Yes	3.0 Gb/s	16 MB buffer
Western Digital	WD RE4					
	WD1503FYYS		1500	Yes	3.0 Gb/s	In tested family
	WD2003FYYS	01.00D02	2000	Yes	3.0 Gb/s	64 MB buffer
Western Digital	WD RE4-GP					
	WD2002FYPS	04.05G05	2000	Yes	3.0 Gb/s	64 MB buffer

¹Controller firmware 4.06.00.006 or newer is required if using this drive with an expander (see KB article 15454 <http://kb.lsi.com/KnowledgebaseArticle15454.aspx>)

²See 3ware KB articles 15385 and 15501 regarding these drives