



N299 Hard Disk Compatibility Test Report

Hitachi

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Deskstar P7K500	HDP725050GLA360	SATA 3.0 Gb/s	500	7200	16	OK 2008/05/09
Deskstar T7K500	HDT725032VLA360	SATA 3.0 Gb/s	320	7200	16	OK 2008/05/14
Deskstar 7K500	HDS725050KLA360	SATA 3.0 Gb/s	500	7200	16	OK 2007/09/05
Deskstar 7K80	HDS728080PLA380	SATA 3.0 Gb/s	82.3	7200	8	OK 2007/09/05

Maxtor

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
DiamondMax 22	STM3500320AS	SATA 3.0 Gb/s	500	7200	32	OK 2008/05/09
DiamondMax Plus 9	6Y080M0	SATA 1.5 Gb/s	80	7200	8	OK 2007/09/05

Samsung

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
SpinPoint T166 series	HD501LJ	SATA 3.0 Gb/s	500	7200	16	OK 2007/07/05
SpinPoint T133 Series	HD401LJ	SATA 3.0 Gb/s	400	7200	16	OK 2007/09/05

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Barracuda ES.2	ST3500320NS	SATA 3.0Gb/s	500	7200	32	OK 2008/05/09
Barracuda ES	ST3500630NS	SATA 3.0Gb/s	500	7200	16	OK 2007/09/06
Barracuda 7200.11	ST3500320AS	SATA 3.0Gb/s	500	7200	32	OK 2008/05/14
Barracuda 7200.11	ST3320613AS	SATA 3.0Gb/s	320	7200	16	OK 2008/05/14
Barracuda 7200.10	ST3250140AS	SATA 3.0 Gb/s	250	7200	16	OK 2007/09/05
Barracuda 7200.9	ST3400633AS	SATA 3.0 Gb/s	400	7200	16	OK 2006/09/22
Barracuda 7200.10	ST380815AS	SATA 3.0 Gb/s	80	7200	8	OK 2008/10/28
Barracuda 7200.7	ST380013AS	SATA 1.5Gb/s	80	7200	8	OK 2007/09/05

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
WD Raptor	WD360ADFD	SATA 1.5 Gb/s	36.7	10000	16	OK 2007/09/05
WD Caviar RE	WD5000ABYS	SATA 3.0 Gb/s	500	7200	16	OK 2007/09/07
WD Caviar RE2	WD3201ABYS	SATA 3.0 Gb/s	320	7200	16	OK 2008/05/14
WD Caviar SE16	WD5000AACS	SATA 3.0 Gb/s	500	7200	16	OK 2008/05/09
WD Caviar SE	WD1600AAJS	SATA 3.0 Gb/s	160	7200	8	OK 2008/10/28
WD Caviar SE	WD800JD	SATA 1.5 Gb/s	80	7200	8	OK 2007/09/05



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- Note 1. HDD bigger than 500G is not recommended.
2. Above HDD were tested in room temperature.
 3. Please keep the NAS in good air condition for RAID safety.
 4. Thecus DO NOT guaranty the RAID data safety, and NAS admin has to backup the RAID data to another storage regularly.