



# N2100 Hard Disk Compatibility Test Report

## Hitachi

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Deskstar 7K500	HDS725050KLA360	SATA 3.0 Gb/s	500	7200	16	OK 2005/08/16
Deskstar T7K250	HDT722525DLA380	SATA 3.0 Gb/s	250	7200	8	OK 2005/08/16
Deskstar T7K250	HDT722516DLA380	SATA 3.0 Gb/s	160	7200	8	OK 2006/03/14
Deskstar 7K80	HDS728080PLA380	SATA 3.0 Gb/s	82.3	7200	8	OK 2005/08/16
Deskstar 7K400	HDS724040KLSA80	SATA 1.5 Gb/s	400	7200	8	OK 2006/03/14
Deskstar 7K250	HDS722525VLSA80	SATA 1.5 Gb/s	250	7200	8	OK 2006/03/14
Deskstar 7K250	HDS722580VLSA80	SATA 1.5 Gb/s	82.3	7200	8	OK 2005/08/16

## Maxtor

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
MaXLine Pro 500	7H500F0	SATA 3.0 Gb/s	500	7200	16	OK 2006/03/14
MaXLine III	7V300F0	SATA 3.0 Gb/s	300	7200	16	OK 2006/03/14
MaXLine III	7V250F0	SATA 3.0 Gb/s	250	7200	16	OK 2006/09/22
MaXLine III	7L300S0	SATA 1.5 Gb/s	300	7200	16	OK 2006/03/14
MaXLine III	7L250S0	SATA 1.5 Gb/s	250	7200	16	OK 2006/03/14
MaXLine Plus II	7Y250M0	SATA 1.5 Gb/s	250	7200	8	OK 2005/08/16
DiamondMax 11	6H500F0	SATA 3.0 Gb/s	500	7200	16	OK 2006/03/14
DiamondMax 11	6H400F0	SATA 3.0 Gb/s	400	7200	16	OK 2006/03/14
DiamondMax 10	6V300F0	SATA 3.0 Gb/s	300	7200	16	OK 2006/09/22
DiamondMax 10	6V250F0	SATA 3.0 Gb/s	250	7200	16	OK 2006/03/14
DiamondMax 10	6V160E0	SATA 3.0 Gb/s	160	7200	8	OK 2006/09/22
DiamondMax 10	6L300S0	SATA 1.5 Gb/s	300	7200	16	OK 2006/03/14
DiamondMax 10	6B300S0	SATA 1.5 Gb/s	300	7200	16	OK 2006/03/14
DiamondMax 10	6L250S0	SATA 1.5 Gb/s	250	7200	16	OK 2006/03/14
DiamondMax 10	6L200S0	SATA 1.5 Gb/s	200	7200	16	OK 2006/03/14
DiamondMax 10	6L200M0	SATA 1.5 Gb/s	200	7200	8	OK 2006/03/14
DiamondMax 10	6B200M0	SATA 1.5 Gb/s	200	7200	8	OK 2006/03/14
DiamondMax Plus 9	6Y160M0	SATA 1.5 Gb/s	160	7200	8	OK 2006/03/14
DiamondMax Plus 9	6Y080M0	SATA 1.5 Gb/s	80	7200	8	OK 2005/08/16

**\*6V, 6H, 7V, 7H Series require firmware version 1.0.5hotfix2 or later**



# N2100 Hard Disk Compatibility Test Report

## 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 P120 series	SP2504C	SATA 3.0 Gb/s	250	7200	8	OK 2006/03/14
SpinPoint P120 series	SP2004C	SATA 3.0 Gb/s	200	7200	8	OK 2006/03/14
SpinPoint P80 series	HD080HJ	SATA 3.0 Gb/s	80	7200	8	OK 2006/03/14
SpinPoint P80 series	SP1614C	SATA 1.5 Gb/s	160	7200	8	OK 2005/08/16
SpinPoint P80 SD Series	HD160JJ	SATA 3.0 Gb/s	160	7200	8	OK 2006/09/22
SpinPoint T133 Series	HD401LJ	SATA 3.0 Gb/s	400	7200	16	OK 2006/09/22

## Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
NL35 Series	ST3250623NS	SATA 1.5 Gb/s	250	7200	16	OK 2006/03/14
NL35 Series	ST3250624NS	SATA 3.0 Gb/s	250	7200	16	OK 2006/09/22
Barracuda 7200.10	ST3750640AS	SATA 3.0Gb/s	750	7200	16	FAIL 2007/07/05
Barracuda 7200.10	ST3250620AS	SATA 3.0 Gb/s	250	7200	16	OK 2006/09/22
Barracuda 7200.10	ST3250820AS	SATA 3.0 Gb/s	250	7200	8	OK 2006/09/22
Barracuda 7200.9	ST3500641AS	SATA 3.0 Gb/s	500	7200	16	OK 2006/03/14
Barracuda 7200.9	ST3400633AS	SATA 3.0 Gb/s	400	7200	16	OK 2006/09/22
Barracuda 7200.9	ST3300622AS	SATA 3.0 Gb/s	300	7200	16	OK 2006/03/14
Barracuda 7200.9	ST3250824AS	SATA 3.0 Gb/s	250	7200	8	OK 2006/03/14
Barracuda 7200.9	ST3200827AS	SATA 3.0 Gb/s	200	7200	8	OK 2006/09/22
Barracuda 7200.9	ST3160811AS	SATA 3.0 Gb/s	160	7200	8	OK 2006/09/22
Barracuda 7200.9	ST3120813AS	SATA 3.0 Gb/s	120	7200	8	OK 2006/03/14
Barracuda 7200.8	ST3400832AS	SATA 1.5Gb/s	400	7200	8	OK 2005/08/23
Barracuda 7200.8	ST3300831AS	SATA 1.5Gb/s	300	7200	8	OK 2006/03/14
Barracuda 7200.8	ST3250823AS	SATA 1.5Gb/s	250	7200	8	OK 2006/03/14
Barracuda 7200.7	ST3200822AS	SATA 1.5 Gb/s	200	7200	8	OK 2006/03/14
Barracuda 7200.7	ST3160023AS	SATA 1.5 Gb/s	160	7200	8	OK 2006/03/14
Barracuda 7200.7	ST3120026AS	SATA 1.5 Gb/s	120	7200	8	OK 2006/03/14
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 2005/08/01



# N2100 Hard Disk Compatibility Test Report

## Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
WD Raptor	WD360GD	SATA 1.5 Gb/s	36.7	10000	8	OK 2005/08/23
WD Caviar RE2	WD5000YS	SATA 3.0 Gb/s	500	7200	16	OK 2006/09/22
WD Caviar RE2	WD4000YR	SATA 1.5 Gb/s	400	7200	16	OK 2006/03/14
WD Caviar RE	WD5000ABYS	SATA 3.0 Gb/s	500	7200	16	OK 2007/09/07
WD Caviar RE	WD3200YS	SATA 3.0 Gb/s	320	7200	16	OK 2006/09/22
WD Caviar RE	WD3200SD	SATA 1.5 Gb/s	320	7200	8	OK 2006/03/14
WD Caviar RE	WD2500YD	SATA 1.5 Gb/s	250	7200	16	OK 2006/03/14
WD Caviar RE	WD2500SD	SATA 1.5 Gb/s	250	7200	8	OK 2006/03/14
WD Caviar RE	WD1600YD	SATA 1.5 Gb/s	160	7200	16	OK 2006/03/14
WD Caviar SE16	WD5000KS	SATA 3.0 Gb/s	500	7200	16	OK 2006/09/22
WD Caviar SE16	WD3200KS	SATA 3.0 Gb/s	320	7200	16	OK 2006/09/22
WD Caviar SE16	WD2500KS	SATA 3.0 Gb/s	250	7200	16	OK 2006/03/14
WD Caviar SE16	WD4000KD	SATA 1.5 Gb/s	400	7200	16	OK 2006/03/14
WD Caviar SE	WD2500JS	SATA 3.0 Gb/s	250	7200	8	OK 2006/03/14
WD Caviar SE	WD2000JS	SATA 3.0 Gb/s	200	7200	8	OK 2006/03/14
WD Caviar SE	WD1600JS	SATA 3.0 Gb/s	160	7200	8	OK 2006/03/14
WD Caviar SE	WD3200JD	SATA 1.5 Gb/s	320	7200	8	OK 2006/03/14
WD Caviar SE	WD3000JD	SATA 1.5 Gb/s	300	7200	8	OK 2006/03/14
WD Caviar SE	WD2500JD	SATA 1.5 Gb/s	250	7200	8	OK 2006/09/22
WD Caviar SE	WD1600JD	SATA 1.5 Gb/s	160	7200	8	OK 2005/08/16
WD Caviar SE	WD1200JD	SATA 1.5 Gb/s	120	7200	8	OK 2005/08/23
WD Caviar SE	WD1600AAJS	SATA 3.0 Gb/s	160	7200	8	OK 2007/07/12
WD Caviar SE	WD800JD	SATA 1.5 Gb/s	80	7200	8	OK 2005/08/18

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.