



1U4500 Hard Disk Compatibility Test Report

* In case the firmware version is v1.00.00.2a or v1.00.01.3 may have problem to handle 500G/750G drives

Hitachi

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Deskstar 7K1000	HDS721010KLA330	SATA 3.0 Gb/s	1000	7200	32	OK 2007/07/05
Deskstar 7K500	HDS725050KLA360	SATA 3.0Gb/s	500	7200	16	OK 2006/08/13
Deskstar T7K500	HDT725032VLA360	SATA 3.0Gb/s	320	7200	16	OK 2007/04/04
Deskstar T7K250	HDT722525DLA380	SATA 3.0Gb/s	250	7200	8	OK 2006/08/13
Deskstar 7K80	HDS728080PLA380	SATA 3.0Gb/s	82.3	7200	8	OK 2006/08/13
Deskstar 7K400	HDS724040KLSA8C	SATA 1.5Gb/s	400	7200	8	OK 2006/09/11

Maxtor

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
MaXLine Pro	7H500F0	SATA 3.0Gb/s	500	7200	16	OK 2007/04/04
MaXLine III	7V300F0	SATA 3.0Gb/s	300	7200	16	OK 2006/08/13
DiamondMax 11	6H500F0	SATA 3.0Gb/s	500	7200	16	OK 2007/04/04
DiamondMax 10	6V320F0	SATA 3.0Gb/s	320	7200	16	OK 2007/04/04
DiamondMax 10	6L250M0	SATA 1.5Gb/s	320	7200	8	OK 2007/04/04
DiamondMax Plus 9	6Y080M0	SATA 1.5Gb/s	80	7200	8	OK 2006/08/13

Samsung

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
SpinPoint F DT series	HD103UJ	SATA 3.0Gb/s	1000	7200	32	OK 2008/03/21
SpinPoint T series	HD501LJ	SATA 3.0Gb/s	500	7200	16	OK 2007/04/04
SpinPoint T series	HD401LJ	SATA 3.0Gb/s	400	7200	16	OK 2007/04/04
SpinPoint T series	HD400LJ	SATA 3.0Gb/s	400	7200	8	OK 2006/09/11
SpinPoint T series	HD300LJ	SATA 3.0Gb/s	300	7200	8	OK 2006/09/11
SpinPoint P series	SP2004C	SATA 3.0Gb/s	200	7200	8	OK 2006/08/13
SpinPoint P series	SP2504C	SATA 3.0Gb/s	250	7200	8	OK 2007/04/04
SpinPoint P series	HD160JJ	SATA 3.0Gb/s	160	7200	8	OK 2007/04/04



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Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Barracuda ES.2	ST31000340NS	SATA 3.0Gb/s	1000	7200	32	OK 2008/04/11
Barracuda ES	ST3750640NS	SATA 3.0Gb/s	750	7200	16	OK 2007/04/04
Barracuda ES	ST3500630NS	SATA 3.0Gb/s	500	7200	16	OK 2007/04/04
Barracuda ES	ST3400620NS	SATA 3.0Gb/s	400	7200	16	OK 2007/04/04
Barracuda ES	ST3250620NS	SATA 3.0Gb/s	250	7200	16	OK 2007/04/04
NL35.2	ST3500641NS	SATA 3.0Gb/s	500	7200	16	OK 2006/08/13
NL35.2	ST3500841NS	SATA 3.0Gb/s	500	7200	8	OK 2006/08/13
NL35	ST3400833NS	SATA 3.0Gb/s	400	7200	8	OK 2006/09/11
Barracuda 7200.10	ST3750640AS	SATA 3.0Gb/s	750	7200	16	OK 2006/08/13
Barracuda 7200.10	ST3500630AS	SATA 3.0Gb/s	500	7200	16	OK 2006/08/13
Barracuda 7200.10	ST3400620AS	SATA 3.0Gb/s	400	7200	16	OK 2006/08/13
Barracuda 7200.10	ST3320620AS	SATA 3.0Gb/s	320	7200	16	OK 2006/08/13
Barracuda 7200.10	ST3250620AS	SATA 3.0Gb/s	250	7200	16	OK 2007/04/04
Barracuda 7200.10	ST3250820AS	SATA 3.0Gb/s	250	7200	8	OK 2006/08/13
Barracuda 7200.9		SATA 3.0Gb/s		7200		FAILED 2006/08/13
Barracuda 7200.8	ST3400832AS	SATA 1.5Gb/s	400	7200	8	OK 2006/08/13
Barracuda 7200.7	ST380013AS	SATA 1.5Gb/s	80	7200	8	OK 2006/08/13

* Barracuda 7200.9 Series may not be detected in N5200 because of "start unit command" issue.

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
WD RE2-GP	WD1000FYPS	SATA 3.0Gb/s	1000	5400-7200	16	**2008/03/21
WD RE2	WD5000YS	SATA 3.0Gb/s	500	7200	16	*UNSTABLE 2006/12/23
WD RE2	WD4000YS	SATA 3.0Gb/s	400	7200	16	*UNSTABLE 2006/12/23
WD RE2	WD4000YR	SATA 1.5Gb/s	400	7200	16	OK 2007/04/04
WD RE	WD3200YS	SATA 3.0Gb/s	320	7200	16	OK 2006/08/13
WD RE	WD2500YS	SATA 3.0Gb/s	250	7200	16	*UNSTABLE 2006/12/23
WD RE	WD1600YS	SATA 3.0Gb/s	160	7200	16	*UNSTABLE 2006/12/23
WD RE	WD2500YD	SATA 3.0Gb/s	250	7200	16	OK 2006/09/11
WD Caviar SE16	WD5000KS	SATA 3.0Gb/s	500	7200	16	OK 2006/09/11
WD Caviar SE16	WD3200KS	SATA 3.0Gb/s	320	7200	16	OK 2007/04/04
WD Caviar SE16	WD2500KS	SATA 3.0Gb/s	250	7200	16	OK 2007/04/04
WD Caviar SE	WD2500JS	SATA 3.0Gb/s	250	7200	8	OK 2007/04/04
WD Caviar SE	WD1600AAJS	SATA 3.0 Gb/s	160	7200	8	OK 2007/07/12
WD Caviar	WD800JD	SATA 1.5Gb/s	80	7200	8	OK 2006/08/13
WD Raptor	WD360GD	ESATA	36.7	10000	8	OK 2006/08/13

*UNSTABLE: those drivers are dropped from a RAID set after a period of normal usage.

The detail please refer below link.

<http://support.wdc.com/download/index.asp?cxml=n&pid=15&swid=57>

**GreenPower series drive could be mis-judge by NAS Disk Status to Warning but in theory this doesn't affect RAID status. In case there is any drive out from the RAID array, please check the drive status if it is normal through Data Lifeguard Diagnostic.