



N2050 Hard Disk Compatibility Test Report

Below HDD work well with N2050 V2 which has an INIT button near the RAID mode switch.
For old N2050, without the INIT button, below HDD may not work well.

Hitachi

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Deskstar	HDS728080PLA380-PF2O	SATA 3.0 Gb/s	82.3	7200	8	OK 2005/11/16
Deskstar	HDT722525DLA380-V44O	SATA 3.0 Gb/s	250	7200	8	OK 2005/11/16
Deskstar	HDS725050KLA360-K2AO	SATA 3.0 Gb/s	500	7200	8	FAILED 2005/11/16
Deskstar T7K500	HDT725032VLA360	SATA 3.0 Gb/s	320	7200	16	OK 2008/05/19
Deskstar P7K500	HDP725050GLA360	SATA 3.0 Gb/s	500	7200	16	OK 2008/05/19

Maxtor

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
DiamondMax Plus 9	6Y080M0-YAR5	SATA 1.5 Gb/s	80	7200	8	OK 2005/11/16
MaXLine Plus II	7Y250M0-YAR5	SATA 1.5 Gb/s	250	7200	8	OK 2005/11/16
Maxtor Ultra 16	L01F500	SATA 3.0 Gb/s	500	7200	16	OK 2006/10/03
DiamondMax 22	STM3500320AS	SATA 3.0 Gb/s	500	7200	32	OK 2008/05/19

Samsung

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
SpinPoint P series	SAMSUNG SP1614C-SW10	SATA 1.5 Gb/s	160	7200	8	OK 2005/11/16
SpinPoint P80 SD Series	HD160JJ	SATA 3.0 Gb/s	160	7200	8	OK 2006/10/03

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Barracuda 7200.7	ST380013AS-3.18	SATA 1.5 Gb/s	80	7200	8	OK 2005/11/16
Barracuda 7200.7	ST3200822AS-3.01	SATA 1.5 Gb/s	200	7200	8	OK 2005/11/16
Barracuda 7200.10	ST380815AS	SATA 3.0 Gb/s	80	7200	8	OK 2008/10/28
Barracuda 7200.10	ST3250620AS	SATA 3.0 Gb/s	250	7200	16	OK 2006/10/03
Barracuda 7200.10	ST3320820AS	SATA 3.0 Gb/s	320	7200	8	OK 2007/11/07
Barracuda 7200.10	ST3320620AS	SATA 3.0 Gb/s	320	7200	16	OK 2007/04/19
Barracuda 7200.10	ST3500630AS	SATA 3.0 Gb/s	500	7200	16	OK 2007/11/13
Barracuda 7200.11	ST3320613AS	SATA 3.0Gb/s	320	7200	16	OK 2008/05/19
Barracuda 7200.11	ST3500320AS	SATA 3.0Gb/s	500	7200	32	OK 2008/05/19
Barracuda ES.2	ST3500320NS	SATA 3.0Gb/s	500	7200	32	OK 2008/05/19



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Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
WD Caviar	WD800JD	SATA 1.5 Gb/s	80	7200	8	FAILED 2005/11/16
WD Caviar SE	WD800JD	SATA 3.0 Gb/s	80	7200	8	FAILED 2005/11/16
WD Caviar SE	WD1200JS	SATA 3.0 Gb/s	120	7200	8	FAILED 2005/11/16
WD Caviar SE	WDC WD1600JS-00MHB0	SATA 3.0 Gb/s	160	7200	8	OK 2005/11/16
WD Caviar SE	WD1600AAJS	SATA 3.0 Gb/s	160	7200	8	OK 2007/04/19
WD Caviar SE	WD2500JS	SATA 3.0 Gb/s	250	7200	8	OK 2006/10/03
WD Caviar SE16	WD5000AACS	SATA 3.0 Gb/s	500	7200	16	OK 2008/05/19
WD Caviar RE2	WD3201ABYS	SATA 3.0 Gb/s	320	7200	16	OK 2008/05/19
WD Caviar RE2	WD5000YS	SATA 3.0 Gb/s	500	7200	16	OK 2007/08/29
WD Caviar RE2	WD5000ABYS	SATA 3.0 Gb/s	500	7200	16	OK 2007/08/29

Note 1. HDD bigger than 500G is not recommended.

2. Above HDD were tested in room temperature.

3. Please keep the Box in good air condition for RAID safety.

4. Thecus DO NOT guaranty the RAID data safety, so please backup the RAID data to another storage regularly.