



N2200Plus Compatibility List

Enterprise:	(note 2)
Environment:	Business critical
Availability:	24/7
Reliability:	High

Hitachi

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated
Ultrastar 7K3000	HUA723030ALA640	SATA 6.0Gb/s	3000	7200	64	1.00.00.43	3.5"	* OK 2011/06/20

Consumer:	(note 2)
Environment:	Small office / Home
Availability:	8 Hours / day
Reliability:	Moderate

Hitachi

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated
Deskstar 5K3000	HDS5C3020ALA632	SATA 6.0Gb/s	2000	CoolSpin	32	1.00.00.39	3.5"	* OK 2011/06/20
Deskstar 7K3000	HDS723020BLA642	SATA 6.0Gb/s	2000	7200	64	1.00.00.39	3.5"	* OK 2011/06/20
Deskstar 7K1000.C	HDS721010CLA332	SATA 3.0Gb/s	1000	7200	32	1.00.00.28	3.5"	OK 2011/03/21
Deskstar 7K1000.C	HDS721075CLA332	SATA 3.0Gb/s	750	7200	32	1.00.00.28	3.5"	OK 2011/03/21
Deskstar 7K1000.C	HDS721064CLA332	SATA 3.0Gb/s	640	7200	32	1.00.00.28	3.5"	OK 2011/03/21
Deskstar 7K1000.C	HDS721050CLA362	SATA 3.0Gb/s	500	7200	16	1.00.00.28	3.5"	OK 2011/03/21
Deskstar 7K1000.C	HDS721032CLA362	SATA 3.0Gb/s	320	7200	16	1.00.00.28	3.5"	OK 2011/03/21
Deskstar 7K1000.C	HDS721025CLA382	SATA 3.0Gb/s	250	7200	8	1.00.00.28	3.5"	OK 2011/03/21
Deskstar 7K1000.C	HDS721016CLA382	SATA 3.0Gb/s	160	7200	8	1.00.00.28	3.5"	OK 2011/03/21

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated
Momentum XT	ST95005620AS	SATA 3.0Gb/s	500	7200	32	1.00.00.28	2.5"	OK 2011/03/21
Momentum XT	ST93205620AS	SATA 3.0Gb/s	320	7200	32	1.00.00.28	2.5"	OK 2011/03/21
Momentum XT	ST92505610AS	SATA 3.0Gb/s	250	7200	32	1.00.00.28	2.5"	OK 2011/03/21
Barracuda 7200.12	ST31000528AS	SATA 3.0Gb/s	1000	7200	32	1.00.00.28	3.5"	OK 2011/03/21
Barracuda 7200.12	ST3750528AS	SATA 3.0Gb/s	750	7200	32	1.00.00.28	3.5"	OK 2011/03/21
Barracuda 7200.12	ST3500418AS	SATA 3.0Gb/s	500	7200	16	1.00.00.28	3.5"	OK 2011/03/21
Barracuda 7200.12	ST3500410AS	SATA 3.0Gb/s	500	7200	16	1.00.00.28	3.5"	OK 2011/03/21
Barracuda 7200.12	ST3320418AS	SATA 3.0Gb/s	320	7200	16	1.00.00.28	3.5"	OK 2011/03/21
Barracuda 7200.12	ST3250318AS	SATA 3.0Gb/s	250	7200	8	1.00.00.28	3.5"	OK 2011/03/21
Barracuda 7200.12	ST3160318AS	SATA 3.0Gb/s	160	7200	8	1.00.00.28	3.5"	OK 2011/03/21



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Samsung

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated
EcoGreen F3	HD203WI	SATA 3.0Gb/s	2000	5400	32	1.00.00.28	3.5"	OK 2011/03/21
EcoGreen F2	HD103SI	SATA 3.0Gb/s	1000	5400	32	1.00.00.28	3.5"	OK 2011/03/21

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated
WD Caviar Black	WD1502FAEX	SATA 3.0Gb/s <small>(note 6)</small>	1500	7200	64	1.00.00.28	3.5"	OK 2011/04/08
WD Caviar Blue	WD7500AALX	SATA 3.0Gb/s <small>(note 6)</small>	750	7200	32	1.00.00.28	3.5"	OK 2011/04/08

Notes:

1. It's recommended to have the newest available firmware installed on the NAS.
2. For business critical environments, we HIGHLY RECOMMEND using enterprise HDD'S:
 - Enterprise versus Desktop HDD's (Intel)
ftp://download.intel.com/support/motherboards/server/sb/enterprise_class_versus_desktop_class_hard_drives_.pdf
 - Western Digital TLER
<http://www.wdc.com/wdproducts/library/other/2579-001098.pdf>
 - Samsung CCTL
http://www.samsung.com/global/business/hdd/learningresource/whitepapers/LearningResource_CCTL.html
 - Seagate ERC
<http://seagate.custkb.com/seagate/crm/selfservice/search.jsp?DocId=203991&NewLang=en>
3. The listed HDD's have all been tested in room temperature environments.
4. Please keep the NAS in an airconditioned environment.
5. Thecus does NOT guarantee any RAID data safety and the NAS storage administrator should back up important data regularly.
6. The disks only support **SATA 3.0Gb/s mode** on N2200Plus, please set the jump on **SATA 3.0Gb/s**.
 - Specifications for the WD Caviar Blue SATA 6Gb/s, 3Gb/s and PATA 100 Mb/s internal hard drives
http://wdc.custhelp.com/app/answers/detail/a_id/5387#jumper
 - Specifications for the WD Caviar Blue SATA 6Gb/s, 3Gb/s and PATA 100 Mb/s internal hard drives
http://wdc.custhelp.com/app/answers/detail/a_id/1400#jumper