



N2200Plus HDD 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 7K4000	HUS724040ALE640	SATA 6.0Gb/s	4000	7200	64	3.02.00.10	3.5"	OK 2012/08/22
Ultrastar 7K4000	HUS724030ALE640	SATA 6.0Gb/s	3000	7200	64	3.02.00.10	3.5"	OK 2012/08/22
Ultrastar 7K4000	HUS724020ALE640	SATA 6.0Gb/s	2000	7200	64	3.02.00.10	3.5"	OK 2012/08/22
Ultrastar 7K3000	HUA723030ALA640	SATA 6.0Gb/s	3000	7200	64	1.00.00.43	3.5"	OK 2011/06/20
Ultrastar 7K3000	HUA723020ALA640	SATA 6.0Gb/s	2000	7200	64	1.00.00.43	3.5"	OK 2011/06/20
Travelstar 5K1000 EA	HTE541010A9E680	SATA 6.0Gb/s	1000	5400	8	3.03.00.5	2.5"	* OK 2013/01/30
Travelstar 5K1000 EA	HTE541075A9E680	SATA 6.0Gb/s	750	5400	8	3.03.00.5	2.5"	* OK 2013/01/30
Travelstar 5K1000 EA	HTE541064A9E680	SATA 6.0Gb/s	640	5400	8	3.03.00.5	2.5"	* OK 2013/01/30

Toshiba

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
MKx002TSKB	MK2002TSKB	SATA 3.0Gb/s	2000	7200	64	3.02.00.8	3.5"	OK 2012/02/24
MKx002TSKB	MK1002TSKB	SATA 3.0Gb/s	1000	7200	64	3.02.00.8	3.5"	OK 2012/02/24

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD RE4	WD2003FYYS	SATA 3.0Gb/s	2000	7200	64	2.02.01	3.5"	OK 2011/10/24
WD RE4	WD5003ABYX	SATA 3.0Gb/s	500	7200	64	2.02.01	3.5"	OK 2011/10/24



N2200Plus HDD Compatibility List

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 7K4000	HDS724040ALE640	SATA 6.0Gb/s	4000	7200	64	3.02.00.10	3.5"	OK 2012/08/22	
Deskstar 7K3000	HDS723030ALA640	SATA 6.0Gb/s	3000	7200	64	2.02.01	3.5"	OK 2011/10/24	
Deskstar 7K3000	HDS723020BLA642	SATA 6.0Gb/s	2000	7200	64	1.00.00.39	3.5"	OK 2011/06/20	
Deskstar 7K3000	HDS723015BLA642	SATA 6.0Gb/s	1500	7200	64	1.00.00.43	3.5"	OK 2011/05/16	
Deskstar 7K1000.D	HDS721010DLE630	SATA 6.0Gb/s	1000	7200	32	3.02.00.8	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721075DLE630	SATA 6.0Gb/s	750	7200	32	3.02.00.8	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721050DLE630	SATA 6.0Gb/s	500	7200	32	3.02.00.8	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721032DLE630	SATA 6.0Gb/s	320	7200	32	3.02.00.8	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721025DLE630	SATA 6.0Gb/s	250	7200	32	3.02.00.8	3.5"	OK 2012/02/24	
Deskstar 7K1000.C	HDS721010CLA632	SATA 6.0Gb/s	1000	7200	32	2.02.01	3.5"	OK 2011/11/02	
Deskstar 7K1000.C	HDS721075CLA632	SATA 6.0Gb/s	750	7200	32	2.02.01	3.5"	OK 2011/11/02	
Deskstar 7K1000.C	HDS721064CLA632	SATA 6.0Gb/s	640	7200	32	2.02.01	3.5"	OK 2011/11/02	
Deskstar 7K1000.C	HDS721050CLA662	SATA 6.0Gb/s	500	7200	16	2.02.01	3.5"	OK 2011/11/02	
Deskstar 7K1000.C	HDS721032CLA662	SATA 6.0Gb/s	320	7200	16	2.02.01	3.5"	OK 2011/11/02	
Deskstar 7K1000.C	HDS721025CLA682	SATA 6.0Gb/s	250	7200	8	2.02.01	3.5"	OK 2011/11/02	
Deskstar 7K1000.C	HDS721016CLA682	SATA 6.0Gb/s	160	7200	8	2.02.01	3.5"	OK 2011/11/02	
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	
Deskstar 5K3000	HDS5C3030ALA630	SATA 6.0Gb/s	3000	CoolSpin	32	2.02.01	3.5"	OK 2011/10/24	
Deskstar 5K3000	HDS5C3020ALA632	SATA 6.0Gb/s	2000	CoolSpin	32	1.00.00.39	3.5"	OK 2011/06/20	
Deskstar 5K3000	HDS5C3015ALA632	SATA 6.0Gb/s	1500	CoolSpin	32	1.00.00.39	3.5"	OK 2011/06/20	



N2200Plus HDD Compatibility List

Travelstar 5K1000	HTS541010A9E680	SATA 6.0Gb/s	1000	5400	8	3.03.00.5	2.5"	* OK 2013/01/30
Travelstar 5K1000	HTS541075A9E680	SATA 6.0Gb/s	750	5400	8	3.03.00.5	2.5"	* OK 2013/01/30
Travelstar 5K1000	HTS541064A9E680	SATA 6.0Gb/s	640	5400	8	3.03.00.5	2.5"	* OK 2013/01/30

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Momentus XT	ST95005620AS	SATA 3.0Gb/s	500	7200	32	1.00.00.28	2.5"	OK 2011/03/21
Momentus XT	ST93205620AS	SATA 3.0Gb/s	320	7200	32	1.00.00.28	2.5"	OK 2011/03/21
Momentus 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

Samsung

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Spinpoint F4	HD204UI	SATA 3.0Gb/s	2000	5400	32	1.00.00.43	3.5"	OK 2011/07/25
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 (note 6)	1500	7200	64	1.00.00.28	3.5"	OK 2011/04/08 (*7)
WD Caviar Blue	WD7500AALX	SATA 3.0Gb/s (note 6)	750	7200	32	1.00.00.28	3.5"	OK 2011/04/08 (*7)
WD Caviar Green	WD30EZR	SATA 3.0Gb/s (note 6)	3000	IntelliPower™	64	3.02.00.8	3.5"	OK 2012/04/06 (*7)
WD Caviar Green	WD25EZR	SATA 3.0Gb/s (note 6)	2500	IntelliPower™	64	3.02.00.8	3.5"	OK 2012/04/06 (*7)
WD Caviar Green	WD10EZR	SATA 3.0Gb/s (note 6)	1000	IntelliPower™	64	3.02.00.8	3.5"	OK 2012/04/06 (*7)
WD Caviar Green	WD10EADS	SATA 3.0Gb/s	1000	IntelliPower™	32	2.02.01	3.5"	OK 2011/10/24 (*7)



N2200Plus HDD Compatibility List

Not recommended	
Environment:	Not recommended for RAID environment
Availability:	Not recommended for RAID environment
Reliability:	Not recommended for RAID environment

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD Caviar Black	WD2001FASS	SATA 3.0Gb/s	2000	7200	64	-	3.5"	Not recommend (*8)
WD Caviar Blue	WD10EALS	SATA 3.0Gb/s	1000	7200	32	-	3.5"	Not recommend (*8)
WD Caviar Green	WD20EARS	SATA 3.0Gb/s	2000	IntelliPower™	64	-	3.5"	Not recommend (*8)
WD Caviar Green	WD15EARS	SATA 3.0Gb/s	1500	IntelliPower™	64	-	3.5"	Not recommend (*8)
WD Caviar Green	WD10EARS	SATA 3.0Gb/s	1000	IntelliPower™	64	-	3.5"	Not recommend (*8)
WD Caviar Green	WD20EADS	SATA 3.0Gb/s	2000	IntelliPower™	32	-	3.5"	Not recommend (*8)
WD Caviar Green	WD15EADS	SATA 3.0Gb/s	1500	IntelliPower™	32	-	3.5"	Not recommend (*8)
AV-GP	WD20EVDS	SATA 3.0Gb/s	2000	IntelliPower™	32	-	3.5"	Not recommend (*8)



N2200Plus HDD Compatibility List

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/en/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 Black 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
7. **The hard disks have passed Thecus lab's initial verification of compatibility.**
However, WD has suggested not to use the desktop consumer hard disk drives in business-critical RAID environments because the drives may not work correctly.
Please refer to http://wdc.custhelp.com/app/answers/detail/a_id/1397
8. WD has suggested not to use the desktop consumer hard disk drives in business-critical RAID environments because the drives may not work correctly.
Please refer to http://wdc.custhelp.com/app/answers/detail/a_id/1397

