



N5200/N5200PRO/1U4500 HDD Compatibility List

Hitachi

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
Deskstar E7K1000	HDE721010SLA330	SATA 3.0 Gb/s	1000	7200	32	OK 2009/03/23
Deskstar E7K1000	HDE721075SLA330	SATA 3.0 Gb/s	750	7200	32	OK 2009/03/23
Deskstar E7K1000	HDE721050SLA330	SATA 3.0 Gb/s	500	7200	32	OK 2009/03/23
Deskstar 7K1000.C	HDS721010CLA332	SATA 3.0 Gb/s	1000	7200	32	* OK 2010/04/12
Deskstar 7K1000.C	HDS721075CLA332	SATA 3.0 Gb/s	750	7200	32	* OK 2010/04/12
Deskstar 7K1000.C	HDS721064CLA332	SATA 3.0 Gb/s	640	7200	32	* OK 2010/04/12
Deskstar 7K1000.C	HDS721050CLA362	SATA 3.0 Gb/s	500	7200	16	* OK 2010/04/12
Deskstar 7K1000.C	HDS721032CLA362	SATA 3.0 Gb/s	320	7200	16	* OK 2010/04/12
Deskstar 7K1000.C	HDS721025CLA382	SATA 3.0 Gb/s	250	7200	8	* OK 2010/04/12
Deskstar 7K1000.C	HDS721016CLA382	SATA 3.0 Gb/s	160	7200	8	* OK 2010/04/12
Deskstar 7K1000.B	HDT721010SLA360	SATA 3.0 Gb/s	1000	7200	16	OK 2009/05/22
Deskstar 7K1000.B	HDT721075SLA360	SATA 3.0 Gb/s	750	7200	16	OK 2009/05/22
Deskstar 7K1000.B	HDT721064SLA360	SATA 3.0 Gb/s	640	7200	16	OK 2009/05/22
Deskstar 7K1000.B	HDT721050SLA360	SATA 3.0 Gb/s	500	7200	16	OK 2009/05/22
Deskstar 7K1000.B	HDT721032SLA360	SATA 3.0 Gb/s	320	7200	16	OK 2009/05/22
Deskstar 7K1000.B	HDT721025SLA380	SATA 3.0 Gb/s	250	7200	8	OK 2009/05/22
Deskstar 7K1000.B	HDT721016SLA380	SATA 3.0 Gb/s	160	7200	8	OK 2009/05/22
Deskstar 7K1000	HDS721010KLA330	SATA 3.0 Gb/s	1000	7200	32	OK 2007/07/05
Deskstar T7K500	HDT725032VLA360	SATA 3.0 Gb/s	320	7200	16	OK 2007/04/04
Deskstar P7K500	HDP725050GLA360	SATA 3.0 Gb/s	500	7200	16	OK 2008/08/11

* E7K1000 and 7K1000.B need firmware 2.00.16 or newer version.

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.2	ST3500320NS	SATA 3.0Gb/s	500	7200	32	OK 2008/08/11
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
Barracuda LP	ST32000542AS	SATA 3.0Gb/s	2000	5900	32	* OK 2010/04/12
Barracuda LP	ST31500541AS	SATA 3.0Gb/s	1500	5900	32	* OK 2010/04/12
Barracuda LP	ST31000520AS	SATA 3.0Gb/s	1000	5900	32	* OK 2010/04/12
Barracuda 7200.12	ST31000528AS	SATA 3.0Gb/s	1000	7200	32	OK 2009/05/22
Barracuda 7200.12	ST3750528AS	SATA 3.0Gb/s	750	7200	32	OK 2009/05/22
Barracuda 7200.12	ST3500418AS	SATA 3.0Gb/s	500	7200	16	OK 2009/05/22
Barracuda 7200.12	ST3500410AS	SATA 3.0Gb/s	500	7200	16	OK 2009/05/22
Barracuda 7200.12	ST3320418AS	SATA 3.0Gb/s	320	7200	16	OK 2009/05/22
Barracuda 7200.12	ST3250318AS	SATA 3.0Gb/s	250	7200	8	OK 2009/05/22
Barracuda 7200.12	ST3160318AS	SATA 3.0Gb/s	160	7200	8	OK 2009/05/22
Barracuda 7200.11	ST31500341AS	SATA 3.0Gb/s	1500	7200	32	OK 2008/11/14
Barracuda 7200.11	ST3500320AS	SATA 3.0Gb/s	500	7200	32	OK 2008/05/14
Barracuda 7200.11	ST3320613AS	SATA 3.0Gb/s	320	7200	16	OK 2008/05/14
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

[Notes for Seagate 1.5 TB HDD]

1. Some users said Seagate had new firmware for 1.5 TB drives. So Thecus recommends contacting Seagate if you plan to use Seagate 1.5 TB drives in Thecus NAS. Also, please back up RAID data regularly, no matter the HDD is in Thecus compatibility list or not.

Users' feedback:

Seagate P/N: 9JU138-300, 9JU138-336 with SD15, SD16, and SD17 ==> SD1A or newer

2010/4/12



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Seagate P/N: 9JU138-301 with CC1G ==> CC1H or newer

2. N5200 Standard (non PRO) does not recommend to use 1.5TB and larger hard disk drive.

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
DiamondMax 22	STM3500320AS	SATA 3.0 Gb/s	500	7200	32	OK 2008/08/11
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

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

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated *
WD Caviar Green	WD20EADS	SATA 3.0Gb/s	2000	IntelliPower™	32	* OK 2009/4/15
WD Caviar Green	WD15EADS	SATA 3.0Gb/s	1500	IntelliPower™	32	* OK 2009/4/15
WD Caviar Green	WD10EADS	SATA 3.0Gb/s	1000	IntelliPower™	32	* OK 2009/4/15
WD Cavier RE2-GP	WD1000FYPS	SATA 3.0Gb/s	1000	5400-7200	16	OK 2008/3/21
WD Caviar RE2	WD3201ABYS	SATA 3.0 Gb/s	320	7200	16	OK 2008/08/11
WD Caviar SE16	WD5000AACS	SATA 3.0 Gb/s	500	7200	16	OK 2008/08/11
WD Caviar SE	WD1600AAJS	SATA 3.0 Gb/s	160	7200	8	OK 2007/07/12

[Notes for WD 1.5/2.0 TB HDD]

1. N5200 Standard (non PRO) does not recommend to use 1.5TB and larger hard disk drive.

Note 1. Above HDD were tested in room temperature.

2. Please keep the NAS in good air condition for RAID safety.

3. Thecus DO NOT guaranty the RAID data safety, and NAS admin has to backup the RAID data to another storage regularly.