



N7700SAS/N8800SAS SAS HDD/SSD Compatibility List

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

Fujitsu								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
MBA3 RC	MBA3300RC	SAS 3.0Gb/s	300	15000	16	3.03.00.4	3.5"	OK 2009/09/30 B
MBA3 RC	MBA3147RC	SAS 3.0Gb/s	147	15000	16	3.03.00.4	3.5"	OK 2009/09/30 B
MBA3 RC	MBA3073RC	SAS 3.0Gb/s	73	15000	16	3.03.00.4	3.5"	OK 2009/09/30 B
MAX3 RC	MAX3073RC	SAS 3.0Gb/s	73	15000	16	3.03.00.4	3.5"	OK 2009/08/18 B
MAX3 RC	MAX3036RC	SAS 3.0Gb/s	36	15000	16	3.03.00.4	3.5"	OK 2009/08/18 B

Hitachi								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Ultrastar 15K600	HUS156060VLS600	SAS 6.0Gb/s	600	15000	64	3.03.00.4	3.5"	OK 2009/09/23 B
Ultrastar 15K450	HUS154545VLS300	SAS 3.0Gb/s	450	15000	16	3.03.00.4	3.5"	OK 2009/09/30 B
Ultrastar 15K450	HUS154530VLS300	SAS 3.0Gb/s	300	15000	16	3.03.00.4	3.5"	OK 2009/09/30 B
Ultrastar 15K147	HUS151473VLS300	SAS 3.0Gb/s	73	15000	16	3.03.00.4	3.5"	OK 2009/08/18 B
Ultrastar 15K147	HUS151436VLS300	SAS 3.0Gb/s	36	15000	16	3.03.00.4	3.5"	OK 2009/08/18 B
Ultrastar C10K147	HUC101414CSS300	SAS 3.0Gb/s	147	10000	16	5.03.01	2.5"	OK 2012/09/24 B
Ultrastar C10K147	HUC101473CSS300	SAS 3.0Gb/s	73	10000	16	5.03.01	2.5"	OK 2012/09/24 B
Ultrastar C10K900	HUC109090CSS600	SAS 6.0Gb/s	900	10000	64	5.03.01	2.5"	* OK 2012/12/19 B
Ultrastar C10K900	HUC109060CSS600	SAS 6.0Gb/s	600	10000	64	5.03.01	2.5"	* OK 2012/12/19 B
Ultrastar C10K900	HUC109045CSS600	SAS 6.0Gb/s	450	10000	64	5.03.01	2.5"	* OK 2012/12/19 B
Ultrastar C10K900	HUC109030CSS600	SAS 6.0Gb/s	300	10000	64	5.03.01	2.5"	* OK 2012/12/19 B
Ultrastar 7K3000	HUS723030ALS640	SAS 6.0Gb/s	3000	7200	64	5.01.05	3.5"	OK 2011/12/16 B
Ultrastar 7K3000	HUS723020ALS640	SAS 6.0Gb/s	2000	7200	64	5.01.05	3.5"	OK 2011/12/16 B



N7700SAS/N8800SAS SAS HDD/SSD Compatibility List

Hitachi SSD

Series	Model	Interface	Capacity (GB)		NAS Firmware	Form Factor	Recently Updated *
Ultrastar SSD400M	HUSML4040ASS600	SAS 6.0Gb/s	400	SSD	5.01.05	2.5"	OK 2011/10/05 B
Ultrastar SSD400M	HUSML4020ASS600	SAS 6.0Gb/s	200	SSD	5.01.05	2.5"	OK 2011/10/05 B

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Savvio 10K.5	ST9900805SS	SAS 6.0Gb/s	900	10000	64	5.01.04	3.5"	OK 2011/10/05 B
Savvio 10K.2	ST9146802SS	SAS 3.0Gb/s	146	10000	16	5.03.01	2.5"	OK 2012/09/24 B
Savvio 10K.2	ST973402SS	SAS 3.0Gb/s	73	10000	16	5.03.01	2.5"	OK 2012/09/24 B
Cheetah T10 (Dell OEM)	ST3146755SS	SAS 3.0Gb/s	146	15000	16	3.03.00.4	3.5"	OK 2009/08/18 A
Cheetah NS.2 10K	ST3600002SS	SAS 6.0Gb/s	600	10000	16	3.03.00.4	3.5"	OK 2010/02/05 B
Cheetah NS.2 10K	ST3450802SS	SAS 6.0Gb/s	450	10000	16	3.03.00.4	3.5"	OK 2010/02/05 B
Cheetah 15K.7	ST3600057SS	SAS 6.0Gb/s	600	15000	16	3.03.00.4	3.5"	OK 2010/06/21 B
Cheetah 15K.7	ST3450857SS	SAS 6.0Gb/s	450	15000	16	3.03.00.4	3.5"	OK 2010/06/21 B
Cheetah 15K.7	ST3300657SS	SAS 6.0Gb/s	300	15000	16	3.03.00.4	3.5"	OK 2010/06/21 B
Cheetah 15K.5	ST373455SS	SAS 3.0Gb/s	73	15000	16	3.03.00.4	3.5"	OK 2009/08/18 B
Constellation ES	ST32000444SS	SAS 6.0Gb/s	2000	7200	16	3.03.00.4	3.5"	OK 2010/04/06 B
Constellation ES	ST31000424SS	SAS 6.0Gb/s	1000	7200	16	3.03.00.4	3.5"	OK 2010/04/06 B
Constellation ES	ST3500414SS	SAS 6.0Gb/s	500	7200	16	3.03.00.4	3.5"	OK 2010/04/06 B



N7700SAS/N8800SAS SAS HDD/SSD Compatibility List

Toshiba								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
MKxx01TRKB	MK2001TRKB	SAS 6.0Gb/s	2000	7200	16	5.03.01	3.5"	OK 2012/09/24 B
MKxx01TRKB	MK1001TRKB	SAS 6.0Gb/s	1000	7200	16	5.03.01	3.5"	OK 2012/09/24 B
MBF2xxLRC	MBF260LRC	SAS 6.0Gb/s	600	10025	16	5.03.01	2.5"	OK 2012/09/24 B
MBF2xxLRC	MBF245LRC	SAS 6.0Gb/s	450	10025	16	5.03.01	2.5"	OK 2012/09/24 B
MBF2xxLRC	MBF230LRC	SAS 6.0Gb/s	300	10025	16	5.03.01	2.5"	OK 2012/09/24 B
MBF2xxxRC	MBF2600RC	SAS 6.0Gb/s	600	10025	16	5.01.05	2.5"	OK 2011/11/01 B
MBF2xxxRC	MBF2450RC	SAS 6.0Gb/s	450	10025	16	5.01.05	2.5"	OK 2011/11/01 B
MBF2xxxRC	MBF2300RC	SAS 6.0Gb/s	300	10025	16	5.01.05	2.5"	OK 2011/11/01 B

Western Digital								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD RE	WD4001FYYG	SAS 6.0Gb/s	4000	7200	32	5.03.01	3.5"	* OK 2012/12/19 B
WD RE	WD3001FYYG	SAS 6.0Gb/s	3000	7200	32	5.03.01	3.5"	* OK 2012/12/19 B
WD RE	WD2001FYYG	SAS 6.0Gb/s	2000	7200	32	5.03.01	3.5"	* OK 2012/12/19 B
WD RE	WD1001FYYG	SAS 6.0Gb/s	1000	7200	32	5.03.01	3.5"	* OK 2012/12/19 B
WD XE	WD9001BKHG	SAS 6.0Gb/s	900	10000	32	5.03.01	2.5"	* OK 2012/12/19 B
WD XE	WD6001BKHG	SAS 6.0Gb/s	600	10000	32	5.03.01	2.5"	* OK 2012/12/19 B
WD XE	WD4501BKHG	SAS 6.0Gb/s	450	10000	32	5.03.01	2.5"	* OK 2012/12/19 B
WD XE	WD3001BKHG	SAS 6.0Gb/s	300	10000	32	5.03.01	2.5"	* OK 2012/12/19 B

Special Note:

- There are two kinds of HDD LED behaviors in N8800SAS
 - idle = off, read/write = blinking Green
 - idle = on, read/write = blinking Green
- N7700SAS behaves like N7700, behavior A.



N7700SAS/N8800SAS SAS HDD/SSD Compatibility List

Notes:

1. It's recommended to have the newest available firmware installed on the NAS.
2. N7700SAS and N8800SAS can use either SAS or SATA HDD. For SATA compatibility list, refer to that of N7700 and N8800 please.
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 EXT3 File System is limited to 8TB per volume. Use one of the following methods for larger RAID volumes:
 - 6.1 Use another File System (XFS, EXT4) that supports larger RAID volumes.
 - 6.2 Use multiple RAID volumes.
 - 6.3 For details info, please refer to the online knowledge base:
http://esupport.thecus.com/support/index.php?_m=knowledgebase&_a=viewarticle&kbarticleid=136
7. The EXT4 and XFS File System has a limitation of 16TB per volume.