

# N2520 / N2560 HDD/SSD Compatibility List

<b>Enterprise:</b>	(note 2)
<b>Environment:</b>	Business critical
<b>Availability:</b>	High
<b>Reliability:</b>	High

## HGST

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Ultrastar 7K6000	HUS726060ALE610	SATA 6.0Gb/s	6000	7200	128	OS6.1-13.2	3.5"	OK 2015/01/15
Ultrastar 7K6000	HUS726050ALE610	SATA 6.0Gb/s	5000	7200	128	OS6.1-13.2	3.5"	OK 2015/01/15
Ultrastar 7K6000	HUS726040ALE610	SATA 6.0Gb/s	4000	7200	128	OS6.1-13.2	3.5"	OK 2015/01/15
Ultrastar 7K6000	HUS726020ALE610	SATA 6.0Gb/s	2000	7200	128	OS6.1-13.2	3.5"	OK 2015/01/15
Ultrastar 7K4000	HUS724040ALE640	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar 7K4000	HUS724030ALE640	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar 7K4000	HUS724020ALE640	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar 7K3000	HUA723030ALA640	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar 7K3000	HUA723020ALA640	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar A7K1000	HUA721010KLA330	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
Ultrastar A7K1000	HUA721075KLA330	SATA 3.0Gb/s	750	7200	32	OS6	3.5"	OK 2013/06/01
Ultrastar A7K1000	HUA721050KLA330	SATA 3.0Gb/s	500	7200	32	OS6	3.5"	OK 2013/06/01
Ultrastar 7K4000	HUS724040ALA640	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar 7K4000	HUS724030ALA640	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar 7K4000	HUS724020ALA640	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
Ultrastar He8	HUH728080ALE600	SATA 6.0Gb/s	8000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/04(*11)
Ultrastar He8	HUH728060ALE600	SATA 6.0Gb/s	6000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/04(*11)
Ultrastar He10	HUH721010ALE604	SATA 6.0Gb/s	10000	7200	256	OS6.1-21	3.5"	OK 2016/08/25(*11)
Ultrastar He8	HUH728080ALE604	SATA 6.0Gb/s	8000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
Ultrastar He8	HUH728060ALE604	SATA 6.0Gb/s	6000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726060ALE614	SATA 6.0Gb/s	6000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726050ALE614	SATA 6.0Gb/s	5000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726040ALE614	SATA 6.0Gb/s	4000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726020ALE614	SATA 6.0Gb/s	2000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726040ALA614	SATA 6.0Gb/s	4000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726020ALA614	SATA 6.0Gb/s	2000	7200	128	OS6.1-21	3.5"	OK 2016/09/22

# N2520 / N2560 HDD/SSD Compatibility List

Seagate								Form	Recently Updated *
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Factor	Recently Updated *	
Enterprise Capacity	ST4000NM0035	SATA 6.0Gb/s	4000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST4000NM0045	SATA 6.0Gb/s	4000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST4000NM0105	SATA 6.0Gb/s	4000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST3000NM0005	SATA 6.0Gb/s	3000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST3000NM0015	SATA 6.0Gb/s	3000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST3000NM0055	SATA 6.0Gb/s	3000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST2000NM0055	SATA 6.0Gb/s	2000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST2000NM0065	SATA 6.0Gb/s	2000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST1000NM0055	SATA 6.0Gb/s	1000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Enterprise Capacity	ST1000NM0065	SATA 6.0Gb/s	1000	7200	128	OS6.1-24	3.5"	OK 2017/05/19	
Constellation ES.3	ST5000NM0024	SATA 6.0Gb/s	5000	7200	128	OS6.build_270	3.5"	OK 2014/03/04	
Constellation ES.3	ST4000NM0033	SATA 6.0Gb/s	4000	7200	128	OS6	3.5"	OK 2013/06/01	
Constellation ES.3	ST3000NM0033	SATA 6.0Gb/s	3000	7200	128	OS6	3.5"	OK 2013/06/01	
Constellation ES.3	ST2000NM0033	SATA 6.0Gb/s	2000	7200	128	OS6	3.5"	OK 2013/06/01	
Constellation ES.3	ST1000NM0033	SATA 6.0Gb/s	1000	7200	128	OS6	3.5"	OK 2013/06/01	
Constellation ES.2	ST33000650NS	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation ES.2	ST32000645NS	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation ES	ST32000644NS	SATA 3.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation ES	ST31000524NS	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01	
Constellation ES	ST3500514NS	SATA 3.0Gb/s	500	7200	32	OS6	3.5"	OK 2013/06/01	
Constellation ES	ST1000NM0011	SATA 6.0Gb/s	1000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation ES	ST500NM0011	SATA 6.0Gb/s	500	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation ES	ST2000NM0011	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation CS	ST3000NC000	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation CS	ST2000NC000	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation CS	ST1000NC000	SATA 6.0Gb/s	1000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation CS	ST3000NC002	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation CS	ST2000NC001	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01	
Constellation CS	ST1000NC001	SATA 6.0Gb/s	1000	7200	64	OS6	3.5"	OK 2013/06/01	

## N2520 / N2560 HDD/SSD Compatibility List

Enterprise NAS HDD	ST6000VN0001	SATA 6.0Gb/s	6000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST6000VN0011	SATA 6.0Gb/s	6000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST5000VN0001	SATA 6.0Gb/s	5000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST5000VN0011	SATA 6.0Gb/s	5000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST4000VN0001	SATA 6.0Gb/s	4000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST4000VN0011	SATA 6.0Gb/s	4000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST3000VN0001	SATA 6.0Gb/s	3000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST3000VN0011	SATA 6.0Gb/s	3000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST2000VN0001	SATA 6.0Gb/s	2000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST2000VN0011	SATA 6.0Gb/s	2000	7200	128	OS6.1-13.2	3.5"	OK 2015/03/12
Enterprise HDD	ST8000NM0055	SATA 6.0Gb/s	8000	7200	256	OS6.1-19.1	3.5"	OK 2015/09/30 (*11)
Enterprise HDD	ST6000NM0065	SATA 6.0Gb/s	6000	7200	256	OS6.1-19.1	3.5"	OK 2015/09/30 (*11)
Enterprise HDD	ST8000NE0001	SATA 6.0Gb/s	8000	7200	256	OS6.1-21.1	3.5"	OK 2015/11/30 (*11)
Enterprise HDD	ST8000NE0011	SATA 6.0Gb/s	6000	7200	256	OS6.1-21.1	3.5"	OK 2015/11/30 (*11)
Enterprise NAS HDD	ST8000VN0002	SATA 6.0Gb/s	8000	7200	256	OS6.1-21.1	3.5"	OK 2015/12/31 (*11)
Enterprise NAS HDD	ST8000VN0012	SATA 6.0Gb/s	8000	7200	256	OS6.1-21.1	3.5"	OK 2015/12/31 (*11)
Enterprise NAS HDD	ST6000VN0021	SATA 6.0Gb/s	6000	7200	256	OS6.1-21.1	3.5"	OK 2015/12/31 (*11)
Enterprise NAS HDD	ST6000VN0031	SATA 6.0Gb/s	6000	7200	256	OS6.1-21.1	3.5"	OK 2015/12/31 (*11)
Enterprise NAS HDD	ST6000NE0003	SATA 6.0Gb/s	6000	7200	256	OS6.1-21.1	3.5"	OK 2016/10/17 (*11)
Enterprise NAS HDD	ST4000NE0015	SATA 6.0Gb/s	4000	7200	128	OS6.1-21.1	3.5"	OK 2016/10/17 (*11)
Enterprise NAS HDD	ST2000NE0015	SATA 6.0Gb/s	2000	7200	128	OS6.1-21.1	3.5"	OK 2016/10/17 (*11)
IronWolf Pro	ST6000NE0023	SATA 6.0Gb/s	6000	7200	128	OS6.1-21.1	3.5"	OK 2016/10/17 (*11)
IronWolf Pro	ST4000NE0025	SATA 6.0Gb/s	4000	7200	256	OS6.1-21.1	3.5"	OK 2016/10/17 (*11)
IronWolf Pro	ST2000NE0025	SATA 6.0Gb/s	2000	7200	128	OS6.1-21.1	3.5"	OK 2016/10/17 (*11)
IronWolf Pro	ST10000NE0004	SATA 6.0Gb/s	10000	7200	256	OS6.1-21.1	3.5"	OK 2016/11/16 (*11)
IronWolf Pro	ST8000NE0004	SATA 6.0Gb/s	8000	7200	256	OS6.1-21.1	3.5"	OK 2016/12/28
IronWolf Pro	ST8000NE0021	SATA 6.0Gb/s	8000	7200	256	OS6.1-21.1	3.5"	OK 2016/12/28
IronWolf Pro	ST6000NE0001	SATA 6.0Gb/s	6000	7200	256	OS6.1-21.1	3.5"	OK 2016/12/28
IronWolf Pro	ST6000NE0011	SATA 6.0Gb/s	6000	7200	256	OS6.1-21.1	3.5"	OK 2016/12/28
IronWolf Pro	ST6000NE0021	SATA 6.0Gb/s	6000	7200	256	OS6.1-21.1	3.5"	OK 2016/12/28

# N2520 / N2560 HDD/SSD Compatibility List

Toshiba								Form	Recently Updated *
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Factor	Recently Updated *	
Enterprise	MG03ACA300	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01	
Enterprise	MG03ACA200	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01	
Enterprise	MG03ACA100	SATA 6.0Gb/s	1000	7200	64	OS6	3.5"	OK 2013/06/01	
Enterprise	MG03ACA400	SATA 6.0Gb/s	4000	7200	64	OS6.build_1-12	3.5"	OK 2014/06/27	
MC04ACAxxxE	MC04ACA500E	SATA 6.0Gb/s	5000	7200	128	OS6.1-13	3.5"	OK 2014/10/16	
MC04ACAxxxE	MC04ACA400E	SATA 6.0Gb/s	4000	7200	128	OS6.1-13	3.5"	OK 2014/10/16	
MC04ACAxxxE	MC04ACA300E	SATA 6.0Gb/s	3000	7200	128	OS6.1-13	3.5"	OK 2014/10/16	
MC04ACAxxxE	MC04ACA200E	SATA 6.0Gb/s	2000	7200	128	OS6.1-13	3.5"	OK 2014/10/16	
MG04ACAxxxE	MG04ACA500E	SATA 6.0Gb/s	5000	7200	128	OS6	3.5"	OK 2014/10/16	
MG04ACAxxxE	MG04ACA400E	SATA 6.0Gb/s	4000	7200	128	OS6	3.5"	OK 2014/10/16	
MG04ACAxxxE	MG04ACA300E	SATA 6.0Gb/s	3000	7200	128	OS6	3.5"	OK 2014/10/16	
MG04ACAxxxE	MG04ACA200E	SATA 6.0Gb/s	2000	7200	128	OS6	3.5"	OK 2014/10/16	
Sonance	MD03ACA400V	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2014/05/07	
MD03	MD03ACA400V	SATA 6.0Gb/s	4000	7200	64	OS6.Build_1-12	3.5"	OK 2014/06/27	
MD03	MD03ACA300V	SATA 6.0Gb/s	3000	7200	64	OS6.Build_1-12	3.5"	OK 2014/06/27	
MD03	MD03ACA200V	SATA 6.0Gb/s	2000	7200	64	OS6.Build_1-12	3.5"	OK 2014/06/27	
MD03	MD03ACA100V	SATA 6.0Gb/s	1000	7200	64	OS6.Build_1-12	3.5"	OK 2014/06/27	

# N2520 / N2560 HDD/SSD Compatibility List

## Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD RE	WD2005FBYZ	SATA 6.0Gb/s	2000	7200	128	OS6.1-21	3.5"	OK 2016/10/17
WD RE	WD1005FBYZ	SATA 6.0Gb/s	1000	7200	128	OS6.1-21	3.5"	OK 2016/10/17
WD Gold	WD2004FBYZ	SATA 6.0Gb/s	2000	7200	128	OS6.1-21	3.5"	OK 2016/10/17
WD Gold	WD1004FBYZ	SATA 6.0Gb/s	1000	7200	128	OS6.1-21	3.5"	OK 2016/10/17
WD RE	WD4000FYYZ	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2013/06/01
WD RE	WD3000FYYZ	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
WD RE	WD2000FYYZ	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
WD RE4-GP	WD2002FYPS	SATA 3.0Gb/s	2000	IntelliPower™	64	OS6	3.5"	OK 2013/06/01
WD RE4	WD1003FBYX	SATA 3.0Gb/s	1000	7200	64	OS6	3.5"	OK 2013/06/01
WD RE4	WD5003ABYX	SATA 3.0Gb/s	500	7200	64	OS6	3.5"	OK 2013/06/01
WD RE4	WD2003FYYS	SATA 3.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
WD RE4	WD1503FYYS	SATA 3.0Gb/s	1500	7200	64	OS6	3.5"	OK 2013/06/01
WD RE3	WD1002FBYS	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
WD SE	WD4000F9YZ	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2013/06/01
WD SE	WD3000F9YZ	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
WD SE	WD2000F9YZ	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
WD SE	WD1002F9YZ	SATA 6.0Gb/s	1000	7200	128	OS6.build_270	3.5"	OK 2014/03/04
WD RED PRO	WD8001FFWX	SATA 6.0Gb/s	8000	7200	128	OS6.1-21	3.5"	OK 2016/07/21
WD RED PRO	WD6002FFWX	SATA 6.0Gb/s	6000	7200	128	OS6.1-21	3.5"	OK 2016/05/03
WD RED PRO	WD4002FFWX	SATA 6.0Gb/s	4000	7200	128	OS6.1-21	3.5"	OK 2016/05/03
WD RED PRO	WD6001FFWX	SATA 6.0Gb/s	6000	7200	128	OS6	3.5"	OK 2015/08/18
WD RED PRO	WD5001FFWX	SATA 6.0Gb/s	5000	7200	128	OS6	3.5"	OK 2015/08/18
WD RED PRO	WD4001FFSX	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2014/07/21
WD RED PRO	WD3001FFSX	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2014/07/21
WD RED PRO	WD2001FFSX	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2014/07/21
WD RED PRO	WD2002FFSX	SATA 6.0Gb/s	2000	7200	64	OS6.1-21	3.5"	OK 2015/11/13
WD Gold	WD101KRYZ	SATA 6.0Gb/s	10000	7200	256	OS6.1-21	3.5"	OK 2016/08/25(*11)
WD Gold	WD8002FRYZ	SATA 6.0Gb/s	8000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
WD Gold	WD6002FRYZ	SATA 6.0Gb/s	6000	7200	128	OS6.1-21	3.5"	OK 2016/09/22
WD Gold	WD4002FYYZ	SATA 6.0Gb/s	4000	7200	128	OS6.1-21	3.5"	OK 2016/09/22

# N2520 / N2560 HDD/SSD Compatibility List

<b>Consumer:</b>	(note 2)
<b>Environment:</b>	Small office / Home
<b>Availability:</b>	Moderate
<b>Reliability:</b>	Moderate

## HGST

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Deskstar NAS	HDN728080ALE604	SATA 6.0Gb/s	8000	7200	128	OS6.1-24	3.5"	OK 2017/05/19
Deskstar NAS	H3IKNAS800012872SW	SATA 6.0Gb/s	8000	7200	128	OS6.1-24	3.5"	OK 2017/05/19
Deskstar 7K4000	HDS724040ALE640	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2013/06/01
Deskstar 7K3000	HDS723030ALA640	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
Deskstar 7K3000	HDS723020BLA642	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
Deskstar 7K3000	HDS723015BLA642	SATA 6.0Gb/s	1500	7200	64	OS6	3.5"	OK 2013/06/01
Deskstar 7K2000	HDS722020ALA330	SATA 3.0Gb/s	2000	7200	32	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.C	HDS721010CLA332	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.C	HDS721075CLA332	SATA 3.0Gb/s	750	7200	32	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.C	HDS721064CLA332	SATA 3.0Gb/s	640	7200	32	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.C	HDS721050CLA362	SATA 3.0Gb/s	500	7200	16	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.C	HDS721032CLA362	SATA 3.0Gb/s	320	7200	16	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.C	HDS721025CLA382	SATA 3.0Gb/s	250	7200	8	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.C	HDS721016CLA382	SATA 3.0Gb/s	160	7200	8	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.B	HDT721010SLA360	SATA 3.0Gb/s	1000	7200	16	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.B	HDT721075SLA360	SATA 3.0Gb/s	750	7200	16	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.B	HDT721064SLA360	SATA 3.0Gb/s	640	7200	16	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.B	HDT721050SLA360	SATA 3.0Gb/s	500	7200	16	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.B	HDT721032SLA360	SATA 3.0Gb/s	320	7200	16	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.B	HDT721025SLA380	SATA 3.0Gb/s	250	7200	8	OS6	3.5"	OK 2013/06/01
Deskstar 7K1000.B	HDT721016SLA380	SATA 3.0Gb/s	160	7200	8	OS6	3.5"	OK 2013/06/01
Deskstar E7K1000	HDE721010SLA330	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
Deskstar E7K1000	HDE721075SLA330	SATA 3.0Gb/s	750	7200	32	OS6	3.5"	OK 2013/06/01
Deskstar E7K1000	HDE721050SLA330	SATA 3.0Gb/s	500	7200	32	OS6	3.5"	OK 2013/06/01

## N2520 / N2560 HDD/SSD Compatibility List

Deskstar 5K3000	HDS5C3030ALA630	SATA 6.0Gb/s	3000	CoolSpin	32	OS6	3.5"	OK 2013/06/01
Deskstar 5K3000	HDS5C3020ALA632	SATA 6.0Gb/s	2000	CoolSpin	32	OS6	3.5"	OK 2013/06/01
Deskstar 5K3000	HDS5C3015ALA632	SATA 6.0Gb/s	1500	CoolSpin	32	OS6	3.5"	OK 2013/06/01
Deskstar 5K1000	HDS5C1010CLA382	SATA 3.0Gb/s	1000	CoolSpin	8	OS6	3.5"	OK 2013/06/01
Deskstar 5K1000	HDS5C1050CLA382	SATA 3.0Gb/s	500	CoolSpin	8	OS6	3.5"	OK 2013/06/01
MegaScale 4000	HMS5C4040ALE640	SATA 6.0Gb/s	4000	CoolSpin	64	OS6	3.5"	OK 2013/06/01
Deskstar NAS	HDN726060ALE610	SATA 6.0Gb/s	6000	7200	128	OS6.1-13.2	3.5"	OK 2014/11/27
Deskstar NAS	HDN726050ALE610	SATA 6.0Gb/s	5000	7200	128	OS6.1-13.2	3.5"	OK 2014/11/27
MegaScale DC 4000.B	HMS5C4040BLE640	SATA 6.0Gb/s	4000	CoolSpin	64	OS6.build_270	3.5"	OK 2014/02/19

### Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
SkyHawk	ST10000VX0004	SATA 6.0Gb/s	10000	7200	256	OS6.1-21	3.5"	OK 2016/08/25(*11)
SkyHawk	ST3000VX010	SATA 6.0Gb/s	3000	7200	64	OS6.1-21	3.5"	OK 2016/08/25(*11)
SkyHawk	ST2000VX008	SATA 6.0Gb/s	2000	7200	64	OS6.1-21	3.5"	OK 2016/08/25(*11)
SkyHawk	ST1000VX005	SATA 6.0Gb/s	1000	7200	64	OS6.1-21	3.5"	OK 2016/08/25(*11)
IronWolf	ST8000VN0004	SATA 6.0Gb/s	8000	7200	256	OS6.1-21	3.5"	OK 2016/12/28
IronWolf	ST6000VN0041	SATA 6.0Gb/s	6000	7200	128	OS6.1-21	3.5"	OK 2016/12/28
IronWolf	ST4000VN008	SATA 6.0Gb/s	4000	5900	64	OS6.1-21	3.5"	OK 2016/12/28
IronWolf	ST10000VN0004	SATA 6.0Gb/s	10000	7200	256	OS6.1-21	3.5"	OK 2016/07/19(*11)
IronWolf	ST10000VN0014	SATA 6.0Gb/s	10000	7200	256	OS6.1-21	3.5"	OK 2016/07/19(*11)
Barracuda XT	ST4000DX000	SATA 6.0Gb/s	4000	7200	64	OS6	3.5"	OK 2013/06/01
Barracuda	ST3000DM001	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
Barracuda	ST2000DM001	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
Barracuda XT	ST33000651AS	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
Barracuda XT	ST32000641AS	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
Barracuda Green	ST2000DL003	SATA 6.0Gb/s	2000	5900	64	OS6	3.5"	OK 2013/06/01
Barracuda Green	ST1500DL003	SATA 6.0Gb/s	1500	5900	64	OS6	3.5"	OK 2013/06/01
Barracuda LP	ST32000542AS	SATA 3.0Gb/s	2000	5900	32	OS6	3.5"	OK 2013/06/01
Barracuda LP	ST31500541AS	SATA 3.0Gb/s	1500	5900	32	OS6	3.5"	OK 2013/06/01
Barracuda LP	ST31000520AS	SATA 3.0Gb/s	1000	5900	32	OS6	3.5"	OK 2013/06/01

## N2520 / N2560 HDD/SSD Compatibility List

Barracuda 7200.12	ST31000524AS	SATA 6.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.12	ST3500413AS	SATA 6.0Gb/s	500	7200	16	OS6	3.5"	OK 2013/06/01
Barracuda 7200.12	ST31000528AS	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.12	ST3750528AS	SATA 3.0Gb/s	750	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.11	ST31500341AS	SATA 3.0Gb/s	1500	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.11	ST31000340AS	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.11	ST31000333AS	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.11	ST3750330AS	SATA 3.0Gb/s	750	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.11	ST3640323AS	SATA 3.0Gb/s	640	7200	32	OS6	3.5"	OK 2013/06/01
Barracuda 7200.11	ST3500320AS	SATA 3.0Gb/s	500	7200	32	OS6	3.5"	OK 2013/06/01
Video HDD	ST4000VM000	SATA 6.0Gb/s	4000	5900	64	OS6	3.5"	OK 2013/06/01
Video HDD	ST3000VM002	SATA 6.0Gb/s	3000	5900	64	OS6	3.5"	OK 2013/05/17
Video HDD	ST2000VM003	SATA 3.0Gb/s	2000	5900	64	OS6	3.5"	OK 2014/05/26
Video HDD	ST2000VM002	SATA 3.0Gb/s	2000	5900	64	OS6	3.5"	OK 2013/06/01
Video HDD	ST1000VM002	SATA 6.0Gb/s	1000	5900	64	OS6	3.5"	OK 2014/05/26
Surveillance HDD	ST3000VX006	SATA 6.0Gb/s	3000	5900	64	OS6.1-13.2	3.5"	OK 2015/01/15
Surveillance HDD	ST3000VX005	SATA 6.0Gb/s	3000	5900	64	OS6.1-13.2	3.5"	OK 2015/01/15
Surveillance HDD	ST2000VX003	SATA 6.0Gb/s	2000	5900	64	OS6.1-13.2	3.5"	OK 2015/01/15
Surveillance HDD	ST2000VX005	SATA 6.0Gb/s	2000	5900	64	OS6.1-13.2	3.5"	OK 2015/01/15
Surveillance HDD	ST1000VX001	SATA 6.0Gb/s	1000	5900	64	OS6.1-13.2	3.5"	OK 2015/01/15
Surveillance HDD	ST1000VX003	SATA 6.0Gb/s	1000	5900	64	OS6.1-13.2	3.5"	OK 2015/01/15
Desktop.15	ST4000DM000	SATA 6.0Gb/s	4000	-	64	OS6	3.5"	OK 2013/06/01
NAS HDD	ST4000VN000	SATA 6.0Gb/s	4000	5900	64	OS6.1-21.1	3.5"	OK 2016/06/27
NAS HDD	ST3000VN000	SATA 6.0Gb/s	3000	5900	64	OS6.1-21.1	3.5"	OK 2016/06/27
NAS HDD	ST2000VN000	SATA 6.0Gb/s	2000	5900	64	OS6	3.5"	OK 2013/06/01
NAS HDD	ST4000VN003	SATA 6.0Gb/s	4000	5900	64	OS6.1-21.1	3.5"	OK 2016/06/27
NAS HDD	ST2000VN001	SATA 6.0Gb/s	2000	5900	64	-	3.5"	OK 20143/11/27
NAS HDD	ST6000VN0021	SATA 6.0Gb/s	6000	7200	128	OS6.1-19.1	3.5"	OK 2015/09/30
NAS HDD	ST6000VN0031	SATA 6.0Gb/s	6000	7200	128	OS6.1-19.1	3.5"	OK 2015/09/30
NAS HDD	ST4000VN000	SATA 6.0Gb/s	4000	5900	64	OS6.1-21.1	3.5"	OK 2015/12/31
NAS HDD	ST4000VN003	SATA 6.0Gb/s	4000	5900	64	OS6.1-21.1	3.5"	OK 2015/12/31
NAS HDD	ST3000VN000	SATA 6.0Gb/s	3000	5900	64	OS6.1-21.1	3.5"	OK 2015/12/31
NAS HDD	ST2000VN000	SATA 6.0Gb/s	2000	5900	64	OS6.1-21.1	3.5"	OK 2015/12/31
NAS HDD	ST2000VN001	SATA 6.0Gb/s	2000	5900	64	OS6.1-21.1	3.5"	OK 2015/12/31
NAS HDD	ST1000VN000	SATA 6.0Gb/s	1000	5900	64	OS6.1-21.1	3.5"	OK 2016/11/16
NAS HDD	ST1000VN001	SATA 6.0Gb/s	1000	5900	64	OS6.1-21.1	3.5"	OK 2016/11/16



# N2520 / N2560 HDD/SSD Compatibility List

## 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	OS6	3.5"	OK 2013/06/01
EcoGreen F3	HD203WI	SATA 3.0Gb/s	2000	5400	32	OS6	3.5"	OK 2013/06/01
EcoGreen F2	HD103SI	SATA 3.0Gb/s	1000	5400	32	OS6	3.5"	OK 2013/06/01
SpinPoint F1	HD103UJ	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01

## Toshiba

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
DT01ACA Series	DT01ACA300	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
DT01ACA Series	DT01ACA200	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
DT01ACA Series	DT01ACA100	SATA 6.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01
DT01ACA Series	DT01ACA050	SATA 6.0Gb/s	500	7200	32	OS6	3.5"	OK 2013/06/01
Desktop	HDWD130XZSTA	SATA 6.0Gb/s	3000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD120XZSTA	SATA 6.0Gb/s	2000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD110XZSTA	SATA 6.0Gb/s	1000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD105XZSTA	SATA 6.0Gb/s	500	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD130EZSTA	SATA 6.0Gb/s	3000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD120EZSTA	SATA 6.0Gb/s	2000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD110EZSTA	SATA 6.0Gb/s	1000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD105EZSTA	SATA 6.0Gb/s	500	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD130AZSTA	SATA 6.0Gb/s	3000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD120AZSTA	SATA 6.0Gb/s	2000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD110AZSTA	SATA 6.0Gb/s	1000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD105AZSTA	SATA 6.0Gb/s	500	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD130UZSVA	SATA 6.0Gb/s	3000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD120UZSVA	SATA 6.0Gb/s	2000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD110UZSVA	SATA 6.0Gb/s	1000	7200	32	OS6	3.5"	OK 2015/11/30
Desktop	HDWD105UZSVA	SATA 6.0Gb/s	500	7200	32	OS6	3.5"	OK 2015/11/30

# N2520 / N2560 HDD/SSD Compatibility List

## Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD Purple	WD80PUZX	SATA 6.0Gb/s	8000	5400	128	OS6	3.5"	OK 2016/06/08
WD Red	WD80EFZX	SATA 6.0Gb/s	8000	5400	128	OS6	3.5"	OK 2016/4/11(*10 *11)
WD Red	WD60EFRX	SATA 6.0Gb/s	6000	IntelliPower™	64	OS6	3.5"	OK 2014/09/29(*10)
WD Red	WD50EFRX	SATA 6.0Gb/s	5000	IntelliPower™	64	OS6	3.5"	OK 2014/09/29(*10)
WD Red	WD40EFRX	SATA 6.0Gb/s	4000	IntelliPower™	64	OS6	3.5"	OK 2016/11/16(*10)
WD Red	WD30EFRX	SATA 6.0Gb/s	3000	IntelliPower™	64	OS6	3.5"	OK 2013/07/11(*10)
WD Red	WD20EFRX	SATA 6.0Gb/s	2000	IntelliPower™	64	OS6	3.5"	OK 2013/07/11(*10)
WD Red	WD10EFRX	SATA 6.0Gb/s	1000	IntelliPower™	64	OS6	3.5"	OK 2013/07/11(*10)
WD Black	WD2002FAEX	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01(*7)
WD Black	WD1502FAEX	SATA 6.0Gb/s	1500	7200	64	OS6	3.5"	OK 2013/06/01(*7)
WD Black	WD5002AALX	SATA 6.0Gb/s	500	7200	32	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD10EALX	SATA 6.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD7500AALX	SATA 6.0Gb/s	750	7200	32	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD5000AAKX	SATA 6.0Gb/s	500	7200	16	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD10EALS	SATA 3.0Gb/s	1000	7200	32	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD7500AAKS	SATA 3.0Gb/s	750	7200	16	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD6400AAKS	SATA 3.0Gb/s	640	7200	16	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD5000AAKS	SATA 3.0Gb/s	500	7200	16	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD4000AAKS	SATA 3.0Gb/s	400	7200	16	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD3200AAKS	SATA 3.0Gb/s	320	7200	16	OS6	3.5"	OK 2013/06/01(*7)
WD Blue	WD2500AAKS	SATA 3.0Gb/s	250	7200	16	OS6	3.5"	OK 2013/06/01(*7)
WD Green	WD30EZRS	SATA 3.0Gb/s	3000	IntelliPower™	64	OS6	3.5"	OK 2013/06/01(*7)
WD Green	WD20EADS	SATA 3.0Gb/s	2000	IntelliPower™	32	OS6	3.5"	OK 2013/06/01(*7)
WD Green	WD15EADS	SATA 3.0Gb/s	1500	IntelliPower™	32	OS6	3.5"	OK 2013/06/01(*7)
WD Green	WD10EADS	SATA 3.0Gb/s	1000	IntelliPower™	32	OS6	3.5"	OK 2013/06/01(*7)
WD Caviar Black	WD3001FAEX	SATA 6.0Gb/s	3000	7200	64	OS6	3.5"	OK 2013/06/01
WD Caviar Black	WD2002FAEX	SATA 6.0Gb/s	2000	7200	64	OS6	3.5"	OK 2013/06/01
WD Caviar Black	WD1502FAEX	SATA 6.0Gb/s	1500	7200	64	OS6	3.5"	OK 2013/06/01

# N2520 / N2560 HDD/SSD Compatibility List

<b>Not recommended</b>	
Environment:	Not recommended for RAID environment
Availability:	Not recommended for RAID environment
Reliability:	Not recommended for RAID environment

Seagate								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Archive HDD	ST8000AS0002	SATA 6.0Gb/s	8000	7200	128	-	3.5"	Not recommend (*12)
Archive HDD	ST6000AS0002	SATA 6.0Gb/s	6000	7200	128	-	3.5"	Not recommend (*12)
Archive HDD	ST5000AS0011	SATA 6.0Gb/s	5000	7200	128	-	3.5"	Not recommend (*12)

Toshiba								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
MG04ACAxxxA	MG04ACA600A	SATA 6.0Gb/s	6000	7200	128	-	3.5"	Not recommend (*13)
MG04ACAxxxA	MG04ACA500A	SATA 6.0Gb/s	5000	7200	128	-	3.5"	Not recommend (*13)
MG04ACAxxxA	MG04ACA500A	SATA 6.0Gb/s	5000	7200	128	-	3.5"	Not recommend (*13)
MG04ACAxxxA	MG04ACA400A	SATA 6.0Gb/s	4000	7200	128	-	3.5"	Not recommend (*13)
MG04ACAxxxA	MG04ACA300A	SATA 6.0Gb/s	3000	7200	128	-	3.5"	Not recommend (*13)
MG04ACAxxxA	MG04ACA200A	SATA 6.0Gb/s	2000	7200	128	-	3.5"	Not recommend (*13)

Western Digital								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD Black	WD1002FAEX	SATA 6.0Gb/s	1000	7200	64	-	3.5"	Not recommend (*8)
WD Black	WD6402AAEX	SATA 6.0Gb/s	640	7200	64	-	3.5"	Not recommend (*8)
WD Black	WD2001FASS	SATA 3.0Gb/s	2000	7200	64	-	3.5"	Not recommend (*8)
WD Green	WD20EARS	SATA 3.0Gb/s	2000	IntelliPower™	64	-	3.5"	Not recommend (*8)
WD Green	WD15EARS	SATA 3.0Gb/s	1500	IntelliPower™	64	-	3.5"	Not recommend (*8)
WD Green	WD10EARS	SATA 3.0Gb/s	1000	IntelliPower™	64	-	3.5"	Not recommend (*8)
AV-GP	WD20EVDs	SATA 3.0Gb/s	2000	IntelliPower™	32	-	3.5"	Not recommend (*8)

# N2520 / N2560 HDD/SSD 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](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>
  - Seagate ERC / CCTL  
[http://knowledge.seagate.com/articles/en\\_US/FAQ/203991en?language=en\\_US](http://knowledge.seagate.com/articles/en_US/FAQ/203991en?language=en_US)
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 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](http://wdc.custhelp.com/app/answers/detail/a_id/1397)
7. 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](http://wdc.custhelp.com/app/answers/detail/a_id/1397)
8. For Seagate ST3000DM001, ST2000DM001, ST1500DM003 & ST1000DM003 series with part number 9YN16x, please confirm the HDD firmware been updated or  
[http://knowledge.seagate.com/articles/en\\_US/FAQ/223651en](http://knowledge.seagate.com/articles/en_US/FAQ/223651en)  
[https://apps1.seagate.com/downloads/request.html?userPreferredLocaleCookie=en\\_US\\_](https://apps1.seagate.com/downloads/request.html?userPreferredLocaleCookie=en_US_)
9. WD Red Netowrk Hard Drive is designed for consumer RAID products (1~5 bays).
10. WD has suggested not to use the desktop consumer hard disk in business-critical RAID environments because the drives may not work correctly.  
For more detail, please refer to [http://wdc.custhelp.com/app/answers/detail/a\\_id/1397](http://wdc.custhelp.com/app/answers/detail/a_id/1397)
11. The N2310 N4310 N2520 N2560 N4520 N4560 OS6 single RAID volume support up to 16TB.
12. Unsupported SMR HDD, even it working well in the beginning, but would suffer issues in the long run.
13. Uspport 4KN HDD.