

N2310 N4310 HDD/SSD Compatibility List

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

HGST								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Ultrastar He12	HUH721212ALE600	SATA 6.0Gb/s	12000	7200	256	OS6.0.867	3.5"	OK 2017/10/03(*12*13)
Ultrastar He12	HUH721212ALE604	SATA 6.0Gb/s	12000	7200	256	OS6.0.867	3.5"	OK 2017/10/03(*12*13)
Ultrastar He10	HUH721010ALE604	SATA 6.0Gb/s	10000	7200	256	OS6.0.867	3.5"	OK 2016/08/25(*12*13)
Ultrastar He8	HUH728080ALE600	SATA 6.0Gb/s	8000	7200	128	OS6.0.826	3.5"	OK 2015/03/04
Ultrastar He8	HUH728060ALE600	SATA 6.0Gb/s	6000	7200	128	OS6.0.826	3.5"	OK 2015/03/04
Ultrastar He8	HUH728080ALE604	SATA 6.0Gb/s	8000	7200	128	OS6.0.867	3.5"	OK 2016/09/22
Ultrastar He8	HUH728060ALE604	SATA 6.0Gb/s	6000	7200	128	OS6.0.867	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726060ALE610	SATA 6.0Gb/s	6000	7200	128	OS6.0.826	3.5"	OK 2015/01/14
Ultrastar 7K6000	HUS726050ALE610	SATA 6.0Gb/s	5000	7200	128	OS6.0.826	3.5"	OK 2015/01/14
Ultrastar 7K6000	HUS726040ALE610	SATA 6.0Gb/s	4000	7200	128	OS6.0.826	3.5"	OK 2015/01/14
Ultrastar 7K6000	HUS726020ALE610	SATA 6.0Gb/s	2000	7200	128	OS6.0.826	3.5"	OK 2015/01/14
Ultrastar 7K6000	HUS726060ALE614	SATA 6.0Gb/s	6000	7200	128	OS6.0.867	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726050ALE614	SATA 6.0Gb/s	5000	7200	128	OS6.0.867	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726040ALE614	SATA 6.0Gb/s	4000	7200	128	OS6.0.867	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726020ALE614	SATA 6.0Gb/s	2000	7200	128	OS6.0.867	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726040ALA614	SATA 6.0Gb/s	4000	7200	128	OS6.0.867	3.5"	OK 2016/09/22
Ultrastar 7K6000	HUS726020ALA614	SATA 6.0Gb/s	2000	7200	128	OS6.0.867	3.5"	OK 2016/09/22

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Plextor SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
M5 Pro	PX-512M5	SATA 6.0Gb/s	512	SSD	768	initial.	2.5"	OK 2014/05/20
M5 Pro	PX-256M5	SATA 6.0Gb/s	256	SSD	512	initial.	2.5"	OK 2014/05/20
M5 Pro	PX-128M5	SATA 6.0Gb/s	128	SSD	256	initial.	2.5"	OK 2014/05/20

Intel SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
S3500 Series	SSDSC2BB800	SATA 6.0Gb/s	800	SSD	-	initial.	2.5"	OK 2014/05/20
S3500 Series	SSDSC2BB600	SATA 6.0Gb/s	600	SSD	-	initial.	2.5"	OK 2014/05/20
S3500 Series	SSDSC2BB480	SATA 6.0Gb/s	480	SSD	-	initial.	2.5"	OK 2014/05/20
S3500 Series	SSDSC2BB300	SATA 6.0Gb/s	320	SSD	-	initial.	2.5"	OK 2014/05/20
S3500 Series	SSDSC2BB240	SATA 6.0Gb/s	240	SSD	-	initial.	2.5"	OK 2014/05/20
S3500 Series	SSDSC2BB160	SATA 6.0Gb/s	160	SSD	-	initial.	2.5"	OK 2014/05/20
S3500 Series	SSDSC2BB120	SATA 6.0Gb/s	120	SSD	-	initial.	2.5"	OK 2014/05/20
S3500 Series	SSDSC2BB80	SATA 6.0Gb/s	80	SSD	-	initial.	2.5"	OK 2014/05/20

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Seagate									
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *	
IronWolf Pro	ST12000NE0007*17	SATA 6.0Gb/s	12000	7200	256	OS6.build_867	3.5"	OK 2017/10/03 (*13*17)	
IronWolf Pro	ST10000NE0004*17	SATA 6.0Gb/s	10000	7200	256	OS6.build_867	3.5"	OK 2017/10/03 (*13*17)	
IronWolf Pro	ST6000NE0023*17	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2016/10/17 (*13*17)	
IronWolf Pro	ST4000NE0025*17	SATA 6.0Gb/s	4000	7200	256	OS6.build_867	3.5"	OK 2016/10/17 (*13*17)	
IronWolf Pro	ST2000NE0025*17	SATA 6.0Gb/s	2000	7200	128	OS6.build_867	3.5"	OK 2016/10/17 (*13*17)	
IronWolf Pro	ST8000NE0004	SATA 6.0Gb/s	8000	7200	256	OS6.build_867	3.5"	OK 2016/12/28	
IronWolf Pro	ST8000NE0021	SATA 6.0Gb/s	8000	7200	256	OS6.build_867	3.5"	OK 2016/12/28	
IronWolf Pro	ST6000NE0001	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2016/12/28	
IronWolf Pro	ST6000NE0011	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2016/12/28	
IronWolf Pro	ST6000NE0021	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2016/12/28	
Enterprise Capacity	ST4000NM0035	SATA 6.0Gb/s	4000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST4000NM0045	SATA 6.0Gb/s	4000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST4000NM0105	SATA 6.0Gb/s	4000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST3000NM0005	SATA 6.0Gb/s	3000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST3000NM0015	SATA 6.0Gb/s	3000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST3000NM0055	SATA 6.0Gb/s	3000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST2000NM0055	SATA 6.0Gb/s	2000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST2000NM0065	SATA 6.0Gb/s	2000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST1000NM0055	SATA 6.0Gb/s	1000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Enterprise Capacity	ST1000NM0065	SATA 6.0Gb/s	1000	7200	128	OS6.build_870	3.5"	OK 2017/05/19	
Constellation ES.3	ST6000NM0024	SATA 6.0Gb/s	6000	7200	128	initial.	3.5"	OK 2014/05/20 (*12)	
Constellation ES.3	ST5000NM0024	SATA 6.0Gb/s	5000	7200	128	initial.	3.5"	OK 2014/05/20	
Constellation ES.3	ST4000NM0024	SATA 6.0Gb/s	4000	7200	128	initial.	3.5"	OK 2014/05/20	
Constellation ES.3	ST2000NM0024	SATA 6.0Gb/s	2000	7200	128	initial.	3.5"	OK 2014/05/20	
Constellation ES.3	ST4000NM0033	SATA 6.0Gb/s	4000	7200	128	OS6.build_769	3.5"	OK 2014/10/01	
Constellation ES.3	ST3000NM0033	SATA 6.0Gb/s	3000	7200	128	OS6.build_769	3.5"	OK 2014/10/01	
Constellation ES.3	ST2000NM0033	SATA 6.0Gb/s	2000	7200	128	OS6.build_769	3.5"	OK 2014/10/01	
Constellation ES.3	ST1000NM0033	SATA 6.0Gb/s	1000	7200	128	OS6.build_769	3.5"	OK 2014/10/01	
Terascale HDD	ST4000NC001	SATA 6.0Gb/s	4000	5900	64	initial.	3.5"	OK 2014/05/20	
Terascale HDD	ST4000NC000	SATA 6.0Gb/s	4000	5900	64	initial.	3.5"	OK 2014/05/20	

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Enterprise NAS HDD	ST6000VN0001	SATA 6.0Gb/s	6000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST6000VN0011	SATA 6.0Gb/s	6000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST5000VN0001	SATA 6.0Gb/s	5000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST5000VN0011	SATA 6.0Gb/s	5000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST4000VN0001	SATA 6.0Gb/s	4000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST4000VN0011	SATA 6.0Gb/s	4000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST3000VN0001	SATA 6.0Gb/s	3000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST3000VN0011	SATA 6.0Gb/s	3000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST2000VN0001	SATA 6.0Gb/s	2000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST2000VN0011	SATA 6.0Gb/s	2000	7200	128	OS6.0.826	3.5"	OK 2015/03/12
Enterprise HDD	ST8000NM0055*17	SATA 6.0Gb/s	8000	7200	256	OS6.build_867	3.5"	OK 2015/09/30 (*12*13*17)
Enterprise HDD	ST6000NM0065*17	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2015/09/30 (*12*13*17)
Enterprise HDD	ST8000NE0001*17	SATA 6.0Gb/s	8000	7200	256	OS6.build_867	3.5"	OK 2015/11/30 (*12*13*17)
Enterprise HDD	ST8000NE0011*17	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2015/11/30 (*12*13*17)
Enterprise NAS HDD	ST8000VN0002*17	SATA 6.0Gb/s	8000	7200	256	OS6.build_867	3.5"	OK 2015/12/31 (*12*13*17)
Enterprise NAS HDD	ST8000VN0012*17	SATA 6.0Gb/s	8000	7200	256	OS6.build_867	3.5"	OK 2015/12/31 (*12*13*17)
Enterprise NAS HDD	ST6000VN0021*17	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2015/12/31 (*12*13*17)
Enterprise NAS HDD	ST6000VN0031*17	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2015/12/31 (*12*13*17)
Enterprise NAS HDD	ST6000NE0003*17	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2016/10/17 (*13*17)
Enterprise NAS HDD	ST4000NE0015*17	SATA 6.0Gb/s	4000	7200	128	OS6.build_867	3.5"	OK 2016/10/17 (*13*17)
Enterprise NAS HDD	ST2000NE0015*17	SATA 6.0Gb/s	2000	7200	128	OS6.build_867	3.5"	OK 2016/10/17 (*13*17)

N4310 user please double check about note *17

N2310 N4310 HDD/SSD Compatibility List

Toshiba								Form	Recently Updated *
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Factor		
MG04	MG04ACA400N	SATA 6.0Gb/s	4000	7200	128	OS6.build_867	3.5"	OK 2017/10/03	
MG04	MG04ACA200N	SATA 6.0Gb/s	2000	7200	128	OS6.build_867	3.5"	OK 2017/10/03	
MG04	MG04ACA100N	SATA 6.0Gb/s	1000	7200	128	OS6.build_867	3.5"	OK 2017/10/03	
MC04	MC04ACA500E	SATA 6.0Gb/s	5000	7200	128	initial.	3.5"	OK 2014/05/20	
MC04	MC04ACA400E	SATA 6.0Gb/s	4000	7200	128	initial.	3.5"	OK 2014/05/20	
MC04	MC04ACA300E	SATA 6.0Gb/s	3000	7200	128	initial.	3.5"	OK 2014/05/20	
MC04	MC04ACA200E	SATA 6.0Gb/s	2000	7200	128	initial.	3.5"	OK 2014/05/20	
MG04ACAx00E	MG04ACA500E	SATA 6.0Gb/s	5000	7200	128	OS6.build_770	3.5"	OK 2014/10/09	
MG04ACAx00E	MG04ACA400E	SATA 6.0Gb/s	4000	7200	128	OS6.build_770	3.5"	OK 2014/10/09	
MG04ACAx00E	MG04ACA300E	SATA 6.0Gb/s	3000	7200	128	OS6.build_770	3.5"	OK 2014/10/09	
MG04ACAx00E	MG04ACA200E	SATA 6.0Gb/s	2000	7200	128	OS6.build_770	3.5"	OK 2014/10/09	
MG03	MG03ACA400	SATA 6.0Gb/s	4000	7200	64	OS6.build_743	3.5"	OK 2014/06/27	
MG03	MG03ACA300	SATA 6.0Gb/s	3000	7200	64	OS6.build_743	3.5"	OK 2014/06/27	
MG03	MG03ACA200	SATA 6.0Gb/s	2000	7200	64	OS6.build_743	3.5"	OK 2014/06/27	
MG03	MG03ACA100	SATA 6.0Gb/s	1000	7200	64	OS6.build_743	3.5"	OK 2014/06/27	
MD03	MD03ACA400V	SATA 6.0Gb/s	4000	7200	64	initial.	3.5"	OK 2014/05/20	
MD03	MD03ACA300V	SATA 6.0Gb/s	3000	7200	64	initial.	3.5"	OK 2014/05/20	
MD03	MD03ACA200V	SATA 6.0Gb/s	2000	7200	64	initial.	3.5"	OK 2014/05/20	
MD03	MD03ACA100V	SATA 6.0Gb/s	1000	7200	64	initial.	3.5"	OK 2014/05/20	
MG05ACAx00E	MG05ACA800E	SATA 6.0Gb/s	8000	7200	128	OS6.build_867	3.5"	OK 2016/12/28	
MG05ACAx00E	MG05ACA600E	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2016/12/28	

N2310 N4310 HDD/SSD Compatibility List

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form	Recently Updated *
WD RE	WD2005FBYZ	SATA 6.0Gb/s	2000	7200	128	OS6.build_867	3.5"	OK 2016/10/17
WD RE	WD1005FBYZ	SATA 6.0Gb/s	1000	7200	128	OS6.build_867	3.5"	OK 2016/10/17
WD Gold	WD121KRYZ	SATA 6.0Gb/s	12000	7200	256	OS6.0.867	3.5"	OK 2017/10/03
WD Gold	WD2004FBYZ	SATA 6.0Gb/s	2000	7200	128	OS6.build_867	3.5"	OK 2016/10/17
WD Gold	WD1004FBYZ	SATA 6.0Gb/s	1000	7200	128	OS6.build_867	3.5"	OK 2016/10/17
WD Gold	WD101KRYZ	SATA 6.0Gb/s	10000	7200	256	OS6.build_867	3.5"	OK 2016/08/25(*12*13)
WD Gold	WD8002FRYZ	SATA 6.0Gb/s	8000	7200	128	OS6.build_867	3.5"	OK 2016/09/22
WD Gold	WD6002FRYZ	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2016/09/22
WD Gold	WD4002FYFYZ	SATA 6.0Gb/s	4000	7200	128	OS6.build_867	3.5"	OK 2016/09/22
WD RED PRO	WD101KFBX	SATA 6.0Gb/s	10000	7200	256	OS6.build_870	3.5"	OK 2017/05/19
WD RED PRO	WD8001FFWX	SATA 6.0Gb/s	8000	7200	128	OS6.build_867	3.5"	OK 2016/07/21
WD RED PRO	WD6002FFWX	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2016/05/03
WD RED PRO	WD4002FFWX	SATA 6.0Gb/s	4000	7200	128	OS6.build_867	3.5"	OK 2016/05/03
WD RED PRO	WD6001FFWX	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2015/08/18
WD RED PRO	WD5001FFWX	SATA 6.0Gb/s	5000	7200	128	OS6.build_867	3.5"	OK 2015/08/18
WD RED PRO	WD4001FFSX	SATA 6.0Gb/s	4000	7200	64	OS6.build_768	3.5"	OK 2014/07/21
WD RED PRO	WD3001FFSX	SATA 6.0Gb/s	4000	7200	64	OS6.build_768	3.5"	OK 2014/07/21
WD RED PRO	WD2001FFSX	SATA 6.0Gb/s	4000	7200	64	OS6.build_768	3.5"	OK 2014/07/21
WD RED PRO	WD2002FFSX	SATA 6.0Gb/s	2000	7200	64	OS6.build_768	3.5"	OK 2015/11/13
WD SE	WD4000F9YZ	SATA 6.0Gb/s	4000	7200	64	initial.	3.5"	OK 2014/05/20
WD SE	WD3000F9YZ	SATA 6.0Gb/s	3000	7200	64	initial.	3.5"	OK 2014/05/20
WD SE	WD2000F9YZ	SATA 6.0Gb/s	2000	7200	64	initial.	3.5"	OK 2014/05/20
WD SE	WD1002F9YZ	SATA 6.0Gb/s	1000	7200	128	initial.	3.5"	OK 2014/05/20

N2310 N4310 HDD/SSD Compatibility List

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

Samsung SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
SSD 850 PRO	MZ-7KE128	SATA 6.0Gb/s	128	-	-	OS6.build_770	2.5"	OK 2014/12/16
SSD 850 PRO	MZ-7KE256	SATA 6.0Gb/s	256	-	-	OS6.build_770	2.5"	OK 2014/12/16
SSD 850 PRO	MZ-7KE512	SATA 6.0Gb/s	512	-	-	OS6.build_770	2.5"	OK 2014/12/16
SSD 850 PRO	MZ-7KE1T0	SATA 6.0Gb/s	1000	-	-	OS6.build_770	2.5"	OK 2014/12/16

HGST

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Deskstar	HDN721010ALE604	SATA 6.0Gb/s	10000	7200	256	OS6.build_870	3.5"	OK 2017/09/01
Deskstar	HDN728080ALE604	SATA 6.0Gb/s	8000	7200	128	OS6.build_870	3.5"	OK 2017/09/01
Deskstar NAS	HDN728080ALE604	SATA 6.0Gb/s	8000	7200	128	OS6.build_870	3.5"	OK 2017/05/19
Deskstar NAS	H3IKNAS800012872SW	SATA 6.0Gb/s	8000	7200	128	OS6.build_870	3.5"	OK 2017/05/19
Travelstar 5K1000	HTS541010A9E680	SATA 6.0Gb/s	1000	5400	8	initial.	2.5"	OK 2014/05/20
Travelstar 5K1000	HTS541075A9E680	SATA 6.0Gb/s	750	5400	8	initial.	2.5"	OK 2014/05/20
Travelstar 5K1000	HTS541064A9E680	SATA 6.0Gb/s	640	5400	8	initial.	2.5"	OK 2014/05/20
Travelstar 5K1000	HTS541515A9E630	SATA 6.0Gb/s	1500	5400	32	initial.	2.5"	OK 2014/05/20
Deskstar NAS	HDN724040ALE640	SATA 6.0Gb/s	4000	7200	64	initial.	3.5"	OK 2014/05/20
Deskstar NAS	HDN724030ALE640	SATA 6.0Gb/s	3000	7200	64	initial.	3.5"	OK 2014/05/20
Deskstar NAS	HDN726060ALE610	SATA 6.0Gb/s	6000	7200	128	OS6.build_770	3.5"	OK 2014/12/02
Deskstar NAS	HDN726050ALE610	SATA 6.0Gb/s	5000	7200	128	OS6.build_770	3.5"	OK 2014/12/02

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Seagate									
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *	
IronWolf	ST12000VN0007	SATA 6.0Gb/s	12000	7200	256	OS6.build_867	3.5"	OK 2017/10/03(*12*13)	
IronWolf	ST10000VN0004	SATA 6.0Gb/s	10000	7200	256	OS6.build_867	3.5"	OK 2017/10/03(*12*13)	
IronWolf	ST10000VN0014	SATA 6.0Gb/s	10000	7200	256	OS6.build_867	3.5"	OK 2016/07/19(*12*13)	
IronWolf	ST8000VN0004	SATA 6.0Gb/s	8000	7200	256	OS6.build_867	3.5"	OK 2016/12/28	
IronWolf	ST6000VN0033	SATA 6.0Gb/s	6000	7200	256	OS6.build_870	3.5"	OK 2017/09/01	
IronWolf	ST6000VN0041	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2016/12/28	
IronWolf	ST4000VN008	SATA 6.0Gb/s	4000	5900	64	OS6.build_867	3.5"	OK 2016/12/28	
SkyHawk	ST10000VX0004	SATA 6.0Gb/s	10000	7200	256	OS6.build_867	3.5"	OK 2016/08/25(*12*13)	
SkyHawk	ST3000VX010	SATA 6.0Gb/s	3000	7200	64	OS6.build_867	3.5"	OK 2016/08/25(*12*13)	
SkyHawk	ST2000VX008	SATA 6.0Gb/s	2000	7200	64	OS6.build_867	3.5"	OK 2016/08/25(*12*13)	
SkyHawk	ST1000VX005	SATA 6.0Gb/s	1000	7200	64	OS6.build_867	3.5"	OK 2016/08/25(*12*13)	
Video HDD	ST4000VM000	SATA 6.0Gb/s	4000	5900	64	initial.	3.5"	OK 2014/05/20	
Video HDD	ST3000VM002	SATA 6.0Gb/s	3000	5900	64	initial.	3.5"	OK 2014/05/20	
Video HDD	ST2000VM003	SATA 6.0Gb/s	2000	5900	64	initial.	3.5"	OK 2014/05/26	
Video HDD	ST1000VM002	SATA 6.0Gb/s	1000	5900	64	initial.	3.5"	OK 2014/05/20	
SkyHawk	ST6000VX0023	SATA 6.0Gb/s	6000	7200	256	OS6.build_867	3.5"	OK 2017/12/15	
Surveillance HDD	ST3000VX006	SATA 6.0Gb/s	3000	5900	64	OS6.build_770	3.5"	OK 2015/01/05	
Surveillance HDD	ST3000VX005	SATA 6.0Gb/s	3000	5900	64	OS6.build_770	3.5"	OK 2015/01/05	
Surveillance HDD	ST2000VX003	SATA 6.0Gb/s	2000	5900	64	OS6.build_770	3.5"	OK 2015/01/05	
Surveillance HDD	ST2000VX005	SATA 6.0Gb/s	2000	5900	64	OS6.build_770	3.5"	OK 2015/01/05	
Surveillance HDD	ST1000VX001	SATA 6.0Gb/s	1000	5900	64	OS6.build_770	3.5"	OK 2015/01/05	
Surveillance HDD	ST1000VX003	SATA 6.0Gb/s	2000	5900	64	OS6.build_770	3.5"	OK 2015/01/05	
NAS HDD	ST2000VN000	SATA 6.0Gb/s	2000	5900	64	OS6.build_768	3.5"	OK 2014/08/22	
NAS HDD	ST2000VN001	SATA 6.0Gb/s	2000	5900	64	OS6.build_770	3.5"	OK 2014/12/02	
NAS HDD	ST6000VN0021	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2015/09/30 (*12*13)	
NAS HDD	ST6000VN0031	SATA 6.0Gb/s	6000	7200	128	OS6.build_867	3.5"	OK 2015/09/30 (*12*13)	
NAS HDD	ST4000VN000*17	SATA 6.0Gb/s	4000	5900	256	OS6.build_867	3.5"	OK 2016/06/27	
NAS HDD	ST4000VN003*17	SATA 6.0Gb/s	4000	5900	256	OS6.build_867	3.5"	OK 2016/06/27	
NAS HDD	ST3000VN000*17	SATA 6.0Gb/s	3000	5900	256	OS6.build_867	3.5"	OK 2016/06/27	
NAS HDD	ST2000VN000*17	SATA 6.0Gb/s	2000	5900	256	OS6.build_867	3.5"	OK 2015/12/31	
NAS HDD	ST2000VN001*17	SATA 6.0Gb/s	2000	5900	256	OS6.build_867	3.5"	OK 2015/12/31	
NAS HDD	ST1000VN001*17	SATA 6.0Gb/s	1000	5900	256	OS6.build_867	3.5"	OK 2016/11/16	
NAS HDD	ST1000VN001*17	SATA 6.0Gb/s	1000	5900	256	OS6.build_867	3.5"	OK 2016/11/16	

N4310 user please double check about note *17

N2310 N4310 HDD/SSD Compatibility List

Toshiba								Form	Recently Updated *
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Factor		
NAS	MN05ACA800	SATA 6.0Gb/s	8000	7200	128	OS6.build_870	3.5"	OK 2017/06/23	
NAS	MN05ACA600	SATA 6.0Gb/s	6000	7200	128	OS6.build_870	3.5"	OK 2017/06/23	
NAS	MN05ACA400	SATA 6.0Gb/s	4000	7200	128	OS6.build_870	3.5"	OK 2017/06/23	
NAS	MN04ACA400	SATA 6.0Gb/s	4000	7200	128	OS6.build_870	3.5"	OK 2017/06/23	
MKxx59GXP	MK6459GSX	SATA 3.0Gb/s	640	5400	8	initial.	2.5"	OK 2014/05/20	
MKxx59GXP	MK5059GSX	SATA 3.0Gb/s	500	5400	8	initial.	2.5"	OK 2014/05/20	
MKxx59GXP	MK3259GSX	SATA 3.0Gb/s	320	5400	8	initial.	2.5"	OK 2014/05/20	
MKxx59GXP	MK2559GSX	SATA 3.0Gb/s	250	5400	8	initial.	2.5"	OK 2014/05/20	
MKxx59GXP	MK1659GSX	SATA 3.0Gb/s	160	5400	8	initial.	2.5"	OK 2014/05/20	
Desktop	DT01ACA300	SATA 6.0Gb/s	3000	7200	64	initial.	3.5"	OK 2014/10/08	
Desktop	DT01ACA200	SATA 6.0Gb/s	2000	7200	64	OS6.build_770	3.5"	OK 2014/10/08	
Desktop	DT01ACA100	SATA 6.0Gb/s	1000	7200	32	OS6.build_770	3.5"	OK 2014/10/08	
Desktop	DT01ACA020	SATA 6.0Gb/s	500	7200	32	OS6.build_770	3.5"	OK 2014/10/08	
Desktop	HDWD130XZSTA	SATA 6.0Gb/s	3000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD120XZSTA	SATA 6.0Gb/s	2000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD110XZSTA	SATA 6.0Gb/s	1000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD105XZSTA	SATA 6.0Gb/s	500	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD130EZSTA	SATA 6.0Gb/s	3000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD120EZSTA	SATA 6.0Gb/s	2000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD110EZSTA	SATA 6.0Gb/s	1000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD105EZSTA	SATA 6.0Gb/s	500	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD130AZSTA	SATA 6.0Gb/s	3000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD120AZSTA	SATA 6.0Gb/s	2000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD110AZSTA	SATA 6.0Gb/s	1000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD105AZSTA	SATA 6.0Gb/s	500	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD130UZSVA	SATA 6.0Gb/s	3000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD120UZSVA	SATA 6.0Gb/s	2000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD110UZSVA	SATA 6.0Gb/s	1000	7200	32	OS6.build_770	3.5"	OK 2015/11/30	
Desktop	HDWD105UZSVA	SATA 6.0Gb/s	500	7200	32	OS6.build_770	3.5"	OK 2015/11/30	

N2310 N4310 HDD/SSD Compatibility List

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD RED RM500	WD7500BFCX	SATA 6.0Gb/s	750	IntelliPower™	16	initial.	2.5"	OK 2013/12/27
WD RED RM500	WD10JFCX	SATA 6.0Gb/s	1000	IntelliPower™	16	initial.	2.5"	OK 2014/05/20
WD Red	WD100EFAX	SATA 6.0Gb/s	10000	5400	256	OS6.build_870	3.5"	OK 2017/05/19
WD Red	WD80EFZX*16	SATA 6.0Gb/s	8000	5400	128	OS6.build_867	3.5"	OK 2016/4/11(*10~16)
WD Red	WD60EFRX*16	SATA 6.0Gb/s	6000	IntelliPower™	64	OS6.build_768	3.5"	OK 2014/09/29(*11*13)*16
WD Red	WD50EFRX*16	SATA 6.0Gb/s	5000	IntelliPower™	64	OS6.build_768	3.5"	OK 2014/09/29(*11*13)*16
WD Red	WD40EFRX*16	SATA 6.0Gb/s	4000	IntelliPower™	64	initial.	3.5"	OK 2016/11/16(*10)*16
WD Red	WD30EFRX*16	SATA 6.0Gb/s	3000	IntelliPower™	64	initial.	3.5"	OK 2014/05/20(*10)*16
WD Red	WD20EFRX*16	SATA 6.0Gb/s	2000	IntelliPower™	64	initial.	3.5"	OK 2014/05/20(*10)*16
WD Red	WD10EFRX*16	SATA 6.0Gb/s	1000	IntelliPower™	64	initial.	3.5"	OK 2014/05/20(*10)*16
WD Purple	WD80EJRX*16	SATA 6.0Gb/s	8000	5400	128	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD60EJRX*16	SATA 6.0Gb/s	6000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD40EJRX*16	SATA 6.0Gb/s	4000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD30EJRX*16	SATA 6.0Gb/s	3000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD20EJRX*16	SATA 6.0Gb/s	2000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD10EJRX*16	SATA 6.0Gb/s	1000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD100PURZ*16	SATA 6.0Gb/s	10000	5400	256	OS6.build_870	3.5"	OK 2017/08/14
WD Purple	WD80PURZ*16	SATA 6.0Gb/s	8000	5400	128	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD60PURZ*16	SATA 6.0Gb/s	6000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD40PURZ*16	SATA 6.0Gb/s	4000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD30PURZ*16	SATA 6.0Gb/s	3000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD20PURZ*16	SATA 6.0Gb/s	2000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD10PURZ*16	SATA 6.0Gb/s	1000	5400	64	OS6.build_867	3.5"	OK 2017/05/25*16
WD Purple	WD80PUZX*16	SATA 6.0Gb/s	8000	5400	128	OS6.build_867	3.5"	OK 2016/06/08*16
WD Purple	WD60PURX*16	SATA 6.0Gb/s	6000	IntelliPower	64	OS6.build_770	3.5"	OK 2014/10/13*16
WD Purple	WD40PURX*16	SATA 6.0Gb/s	4000	IntelliPower	64	OS6.build_770	3.5"	OK 2014/10/13*16
WD Purple	WD30PURX*16	SATA 6.0Gb/s	3000	IntelliPower	64	OS6.build_770	3.5"	OK 2014/10/13*16
WD Purple	WD20PURX*16	SATA 6.0Gb/s	2000	IntelliPower	64	OS6.build_770	3.5"	OK 2014/10/13*16
WD Purple	WD10PURX*16	SATA 6.0Gb/s	1000	IntelliPower	64	OS6.build_770	3.5"	OK 2014/10/13*16

N2310 N4310 HDD/SSD Compatibility List

Crucial SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
MX100	CT512MX100SSD1	SATA 6.0Gb/s	512	-	-	OS6.build_770	2.5"	OK 2014/10/07
MX100	CT256MX100SSD1	SATA 6.0Gb/s	256	-	-	OS6.build_770	2.5"	OK 2014/10/07
MX100	CT128MX100SSD1	SATA 6.0Gb/s	128	-	-	OS6.build_770	2.5"	OK 2014/10/07

N2310 N4310 HDD/SSD Compatibility List

Not recommended	
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 (*18)	
Archive HDD	ST6000AS0002	SATA 6.0Gb/s	6000	7200	128	-	3.5"	Not recommend (*18)	
Archive HDD	ST5000AS0011	SATA 6.0Gb/s	5000	7200	128	-	3.5"	Not recommend (*18)	

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 (*19)	
MG04ACAxxxA	MG04ACA500A	SATA 6.0Gb/s	5000	7200	128	-	3.5"	Not recommend (*19)	
MG04ACAxxxA	MG04ACA500A	SATA 6.0Gb/s	5000	7200	128	-	3.5"	Not recommend (*19)	
MG04ACAxxxA	MG04ACA400A	SATA 6.0Gb/s	4000	7200	128	-	3.5"	Not recommend (*19)	
MG04ACAxxxA	MG04ACA300A	SATA 6.0Gb/s	3000	7200	128	-	3.5"	Not recommend (*19)	
MG04ACAxxxA	MG04ACA200A	SATA 6.0Gb/s	2000	7200	128	-	3.5"	Not recommend (*19)	

Western Digital									
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *	
WD Black	WD1003FZEX	SATA 6.0Gb/s	1000	7200	64	-	3.5"	Not recommend (*8)	
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)	
WD Blue	WD5000AAKS	SATA 3.0Gb/s	500	7200	16	initial.	3.5"	Not recommend (*8)	
WD Blue	WD10EZEX	SATA 6.0Gb/s	1000	7200	64	-	3.5"	Not recommend (*8)	

Samsung									
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *	
SpinPoint F1	HD103UJ	SATA 3.0Gb/s	1000	7200	32	initial.	3.5"	Not recommend (*8)	
EcoGreen F2	HD103SI	SATA 3.0Gb/s	1000	5400	32	initial.	3.5"	Not recommend (*8)	

N2310 N4310 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
 - 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
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
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
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
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
11. 6TB above drives have been designed with new screw hole placements but are still compatible with current HDD trays.
Please contact your local distributor or Thecus Support directly for more information.
12. The screw depth is 4mm.
13. The N2310 N4310 N2520 N2560 N4520 N4560 OS6 single RAID volume support up to 16TB.
14. WD **NASWARE 3.0** : WD10EFRX-68FYTNO WD20EFRX-68EUZNO & WD30EFRX-68EUZNO incompatible with N4310 yet.
15. WD **NASWARE 3.0** : WD40EFRX WD50EFRX & WD60EFRX compatible with N4310.
16. If have compatibility with N4310, Please visit following link:
<http://esupport.thecus.com/Knowledgebase/Article/View/267/0/n4310-os6-build-828--im-patch-usb-upgrade>
17. HDD hot plug unsupported.
18. Unsupported SMR HDD, even it working well in the beginning, but would suffer issues in the long run.
19. Uspport 4KN HDD.