



N5810 Series HDD/SSD Compatibility List

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

ADATA SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated
IS22	128GB (MLC)	SATA 3.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

Apacer SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
SAFD 25P-M	APS25P6B512G-DCM	SATA 3.0Gb/s	512	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SAFD 25P-M	APS25P6B256G-DCM	SATA 3.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SAFD 25P-M	APS25P6B128G-DCM	SATA 3.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SAFD 25P-M	APS25P6B064G-DCM	SATA 3.0Gb/s	64	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SAFD 25P-M	APS25P6B032G-DCM	SATA 3.0Gb/s	32	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SAFD 25P-M	APS25P6B016G-DCM	SATA 3.0Gb/s	16	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

Intel SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
520 Series	SSDSC2CW480A3	SATA 6.0Gb/s	480	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
520 Series	SSDSC2CW240A3	SATA 6.0Gb/s	240	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
520 Series	SSDSC2CW180A3	SATA 6.0Gb/s	180	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
520 Series	SSDSC2CW120A3	SATA 6.0Gb/s	120	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
520 Series	SSDSC2CW060A3	SATA 6.0Gb/s	60	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB080	SATA 6.0Gb/s	80	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB120	SATA 6.0Gb/s	120	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB160	SATA 6.0Gb/s	160	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB240	SATA 6.0Gb/s	240	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB300	SATA 6.0Gb/s	300	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB480	SATA 6.0Gb/s	480	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB600	SATA 6.0Gb/s	600	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
S3500 Series	SSDSC2BB800	SATA 6.0Gb/s	800	SSD	-	2.05.12.3	2.5"	OK 2016/03/08



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OCZ SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated
Deneva2 C	D2CSTK251A20-0480	SATA 6.0Gb/s	480	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Deneva2 C	D2CSTK251A20-0360	SATA 6.0Gb/s	360	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Deneva2 C	D2CSTK251A20-0240	SATA 6.0Gb/s	240	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Deneva2 C	D2CSTK251A20-0180	SATA 6.0Gb/s	180	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Deneva2 C	D2CSTK251A20-0120	SATA 6.0Gb/s	120	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Deneva2 C	D2CSTK251A20-0060	SATA 6.0Gb/s	60	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
VECTOR	VTR1-25SAT3-128G	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
VECTOR	VTR1-25SAT3-256G	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
VECTOR	VTR1-25SAT3-512G	SATA 6.0Gb/s	512	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

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	-	2.05.12.3	2.5"	OK 2016/03/08
M5 Pro	PX-256M5	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
M5 Pro	PX-128M5	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

Transcend SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
SSD720	TS512GSSD720	SATA 6.0Gb/s	512	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SSD720	TS256GSSD720	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SSD720	TS128GSSD720	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SSD720	TS64GSSD720	SATA 6.0Gb/s	64	SSD	-	2.05.12.3	2.5"	OK 2016/03/08



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HGST

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
HGST He8	HUH728080ALE600	SATA 6.0Gb/s	8000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
HGST He8	HUH728060ALE600	SATA 6.0Gb/s	6000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
MegaScale 4000	HMS5C4040ALE640	SATA 6.0Gb/s	4000	CoolSpin	64	2.05.07a.bt	3.5"	OK 2015/03/02
HGST 7K6000	HUS726060ALE610	SATA 6.0Gb/s	6000	7200	128	2.05.08	3.5"	OK 2015/05/20
HGST 7K6000	HUS726050ALE610	SATA 6.0Gb/s	5000	7200	128	2.05.08	3.5"	OK 2015/05/20
HGST 7K6000	HUS726040ALE610	SATA 6.0Gb/s	4000	7200	128	2.05.08	3.5"	OK 2015/05/20
HGST 7K6000	HUS726020ALE610	SATA 6.0Gb/s	2000	7200	128	2.05.08	3.5"	OK 2015/05/20

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Constellation ES.3	ST6000NM0024	SATA 6.0Gb/s	6000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Constellation ES.3	ST5000NM0024	SATA 6.0Gb/s	5000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Constellation ES.3	ST4000NM0024	SATA 6.0Gb/s	4000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Constellation ES.3	ST2000NM0024	SATA 6.0Gb/s	2000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Constellation ES.3	ST4000NM0033	SATA 6.0Gb/s	4000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Constellation ES.3	ST3000NM0033	SATA 6.0Gb/s	3000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Constellation ES.3	ST2000NM0033	SATA 6.0Gb/s	2000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Constellation ES.3	ST1000NM0033	SATA 6.0Gb/s	1000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
Terascale HDD	ST4000NC001	SATA 6.0Gb/s	4000	5900	64	2.05.07a.bt	3.5"	OK 2015/03/02
Terascale HDD	ST4000NC000	SATA 6.0Gb/s	4000	5900	64	2.05.07a.bt	3.5"	OK 2015/03/02
Enterprise NAS HDD	ST6000VN0001	SATA 6.0Gb/s	6000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST5000VN0001	SATA 6.0Gb/s	5000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST4000VN0001	SATA 6.0Gb/s	4000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST3000VN0001	SATA 6.0Gb/s	3000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST2000VN0001	SATA 6.0Gb/s	2000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST6000VN0011	SATA 6.0Gb/s	6000	7200	128	2.04.06a	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST5000VN0011	SATA 6.0Gb/s	5000	7200	128	2.04.06a	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST4000VN0011	SATA 6.0Gb/s	4000	7200	128	2.04.06a	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST3000VN0011	SATA 6.0Gb/s	3000	7200	128	2.04.06a	3.5"	OK 2015/03/12
Enterprise NAS HDD	ST2000VN0011	SATA 6.0Gb/s	2000	7200	128	2.04.06a	3.5"	OK 2015/03/12



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Enterprise HDD	ST8000NM0055	SATA 6.0Gb/s	8000	7200	256	2.05.12	3.5"	OK 2015/09/30 (*12*13)
Enterprise HDD	ST6000NM0065	SATA 6.0Gb/s	6000	7200	256	2.05.12	3.5"	OK 2015/09/30 (*12*13)
Enterprise HDD	ST8000NE0001	SATA 6.0Gb/s	8000	7200	256	2.05.12	3.5"	OK 2015/11/30 (*12*13)
Enterprise HDD	ST8000NE0011	SATA 6.0Gb/s	6000	7200	256	2.05.12	3.5"	OK 2015/11/30 (*12*13)
Enterprise NAS HDD	ST8000VN0002	SATA 6.0Gb/s	8000	7200	256	2.05.12	3.5"	OK 2015/12/31 (*12*13)
Enterprise NAS HDD	ST8000VN0012	SATA 6.0Gb/s	8000	7200	256	2.05.12	3.5"	OK 2015/12/31 (*12*13)
Enterprise NAS HDD	ST6000VN0021	SATA 6.0Gb/s	6000	7200	256	2.05.12	3.5"	OK 2015/12/31 (*12*13)
Enterprise NAS HDD	ST6000VN0031	SATA 6.0Gb/s	6000	7200	256	2.05.12	3.5"	OK 2015/12/31 (*12*13)
Enterprise NAS HDD	ST4000VN000	SATA 6.0Gb/s	4000	7200	64	2.05.12	3.5"	OK 2015/12/31
Enterprise NAS HDD	ST4000VN003	SATA 6.0Gb/s	4000	7200	64	2.05.12	3.5"	OK 2015/12/31
Enterprise NAS HDD	ST3000VN000	SATA 6.0Gb/s	3000	7200	64	2.05.12	3.5"	OK 2015/12/31
Enterprise NAS HDD	ST2000VN000	SATA 6.0Gb/s	2000	7200	64	2.05.12	3.5"	OK 2015/12/31
Enterprise NAS HDD	ST2000VN001	SATA 6.0Gb/s	2000	7200	64	2.05.12	3.5"	OK 2015/12/31
Enterprise NAS HDD	ST1000VN000	SATA 6.0Gb/s	1000	7200	64	2.05.12.3	3.5"	* OK 2016/02/23
Enterprise NAS HDD	ST1000VN001	SATA 6.0Gb/s	1000	7200	64	2.05.12.3	3.5"	* OK 2016/02/23



N5810 Series HDD/SSD Compatibility List

Toshiba

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
NAS HDD	MC04ACA500E	SATA 6.0Gb/s	5000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
NAS HDD	MC04ACA400E	SATA 6.0Gb/s	4000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
NAS HDD	MC04ACA300E	SATA 6.0Gb/s	3000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02
NAS HDD	MC04ACA200E	SATA 6.0Gb/s	2000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD RED PRO	WD6001FFWX	SATA 6.0Gb/s	6000	7200	128	2.05.08.20140416	3.5"	OK 2015/08/18
WD RED PRO	WD5001FFWX	SATA 6.0Gb/s	5000	7200	128	2.05.08.20140416	3.5"	OK 2015/08/18
WD RED PRO	WD2002FFSX	SATA 6.0Gb/s	2000	7200	64	2.05.12	3.5"	OK 2015/11/13
WD SE	WD4000F9YZ	SATA 6.0Gb/s	4000	7200	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD SE	WD3000F9YZ	SATA 6.0Gb/s	3000	7200	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD SE	WD2000F9YZ	SATA 6.0Gb/s	2000	7200	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD SE	WD1002F9YZ	SATA 6.0Gb/s	1000	7200	128	2.05.07a.bt	3.5"	OK 2015/03/02



N5810 Series HDD/SSD Compatibility List

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

Afaya SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
HFD	HFD128GB	SATA 3.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

Apacer SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Apacer Industrial	APS25P6B128G-DCM	SATA 3.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

CORSAIR SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Neutron Series GTX	120GB	SATA 6.0Gb/s	120	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Neutron Series GTX	240GB	SATA 6.0Gb/s	240	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Neutron Series GTX	480GB	SATA 6.0Gb/s	480	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Force Series GS	128GB	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Force Series GS	180GB	SATA 6.0Gb/s	180	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Force Series GS	240GB	SATA 6.0Gb/s	240	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Force Series GS	360GB	SATA 6.0Gb/s	360	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Force Series GS	480GB	SATA 6.0Gb/s	480	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

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	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
MX100	CT256MX100SSD1	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
MX100	CT128MX100SSD1	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
M4 SATA	CT512M4SSD2	SATA 6.0Gb/s	512	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
M4 SATA	CT256M4SSD2	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
M4 SATA	CT128M4SSD2	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
M4 SATA	CT064M4SSD2	SATA 6.0Gb/s	64	SSD	-	2.05.12.3	2.5"	OK 2016/03/08



N5810 Series HDD/SSD Compatibility List

MemoRight SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Commercial Series	FTM Plus	SATA 6.0Gb/s	480	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Commercial Series	FTM Plus	SATA 6.0Gb/s	240	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Commercial Series	FTM Plus	SATA 6.0Gb/s	120	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
Commercial Series	FTM Plus	SATA 6.0Gb/s	60	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

OCZ SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
VERTEX 4	VTX4-25SAT3-64G	SATA 6.0Gb/s	64	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
VERTEX 4	VTX4-25SAT3-128G	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
VERTEX 4	VTX4-25SAT3-256G	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
VERTEX 4	VTX4-25SAT3-512G	SATA 6.0Gb/s	512	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
ARC100	ARC100-25SAT3-480G	SATA 6.0Gb/s	480	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
ARC100	ARC100-25SAT3-240G	SATA 6.0Gb/s	240	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
ARC100	ARC100-25SAT3-120G	SATA 6.0Gb/s	120	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

Samsung SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
SSD 850 PRO	MZ-7KE1T0	SATA 6.0Gb/s	1000	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SSD 850 PRO	MZ-7KE512	SATA 6.0Gb/s	512	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SSD 850 PRO	MZ-7KE256	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
SSD 850 PRO	MZ-7KE128	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08



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SanDisk SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
SanDisk X110	SD6SB1M1	SATA 6.0Gb/s	256	SSD		2.05.12.3	2.5"	OK 2016/03/08
SanDisk X110	SD6SB1M1	SATA 6.0Gb/s	128	SSD		2.05.12.3	2.5"	OK 2016/03/08
SanDisk X110	SD6SB1M1	SATA 6.0Gb/s	64	SSD		2.05.12.3	2.5"	OK 2016/03/08
SanDisk Ultra Plus	SDSSDH22	SATA 6.0Gb/s	256	SSD		2.05.12.3	2.5"	OK 2016/03/08
SanDisk Ultra Plus	SDSSDHP-128G	SATA 6.0Gb/s	128	SSD		2.05.12.3	2.5"	OK 2016/03/08
SanDisk Ultra Plus	SDSSDHP-064G	SATA 6.0Gb/s	64	SSD		2.05.12.3	2.5"	OK 2016/03/08

Toshiba SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
HG5d	THNSNH512GCST	SATA 6.0Gb/s	512	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
HG5d	THNSNH256GCST	SATA 6.0Gb/s	256	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
HG5d	THNSNH128GCST	SATA 6.0Gb/s	128	SSD	-	2.05.12.3	2.5"	OK 2016/03/08
HG5d	THNSNH60GCST	SATA 6.0Gb/s	60	SSD	-	2.05.12.3	2.5"	OK 2016/03/08

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Video HDD	ST4000VM000	SATA 6.0Gb/s	4000	5900	64	2.05.07a.bt	3.5"	OK 2015/03/02
Video HDD	ST3000VM002	SATA 6.0Gb/s	3000	5900	64	2.05.07a.bt	3.5"	OK 2015/03/02
Video HDD	ST2000VM003	SATA 6.0Gb/s	2000	5900	64	2.05.07a.bt	3.5"	OK 2015/03/02
Video HDD	ST1000VM002	SATA 6.0Gb/s	1000	5900	64	2.05.07a.bt	3.5"	OK 2015/03/02
Surveillance HDD	ST3000VX006	SATA 6.0Gb/s	3000	5900	64	2.05.08.bt	3.5"	OK 2015/05/11
Surveillance HDD	ST3000VX005	SATA 6.0Gb/s	3000	5900	64	2.05.08.bt	3.5"	OK 2015/05/11
Surveillance HDD	ST2000VX003	SATA 6.0Gb/s	2000	5900	64	2.05.08.bt	3.5"	OK 2015/05/11
Surveillance HDD	ST2000VX005	SATA 6.0Gb/s	2000	5900	64	2.05.08.bt	3.5"	OK 2015/05/11
Surveillance HDD	ST1000VX001	SATA 6.0Gb/s	1000	5900	64	2.05.08.bt	3.5"	OK 2015/05/11
Surveillance HDD	ST1000VX003	SATA 6.0Gb/s	2000	5900	64	2.05.08.bt	3.5"	OK 2015/05/11
NAS HDD	ST6000VN0021	SATA 6.0Gb/s	6000	7200	128	2.05.12	3.5"	OK 2015/09/30
NAS HDD	ST6000VN0031	SATA 6.0Gb/s	6000	7200	128	2.05.12	3.5"	OK 2015/09/30



N5810 Series HDD/SSD Compatibility List

Toshiba								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
DT01ACA	DT01ACA050	SATA 6.0Gb/s	500	7200	32	2.05.07a.bt	3.5"	OK 2015/03/02
DT01ACA	DT01ACA100	SATA 6.0Gb/s	1000	7200	32	2.05.07a.bt	3.5"	OK 2015/03/02
DT01ACA	DT01ACA200	SATA 6.0Gb/s	2000	7200	64	2.05.07a.bt	3.5"	OK 2015/03/02
DT01ACA	DT01ACA300	SATA 6.0Gb/s	3000	7200	64	2.05.07a.bt	3.5"	OK 2015/03/02
Desktop	HDWD130XZSTA	SATA 6.0Gb/s	3000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD120XZSTA	SATA 6.0Gb/s	2000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD110XZSTA	SATA 6.0Gb/s	1000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD105XZSTA	SATA 6.0Gb/s	500	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD130EZSTA	SATA 6.0Gb/s	3000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD120EZSTA	SATA 6.0Gb/s	2000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD110EZSTA	SATA 6.0Gb/s	1000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD105EZSTA	SATA 6.0Gb/s	500	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD130AZSTA	SATA 6.0Gb/s	3000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD120AZSTA	SATA 6.0Gb/s	2000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD110AZSTA	SATA 6.0Gb/s	1000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD105AZSTA	SATA 6.0Gb/s	500	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD130UZSVA	SATA 6.0Gb/s	3000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD120UZSVA	SATA 6.0Gb/s	2000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD110UZSVA	SATA 6.0Gb/s	1000	7200	32	2.03.08	3.5"	OK 2015/11/30
Desktop	HDWD105UZSVA	SATA 6.0Gb/s	500	7200	32	2.03.08	3.5"	OK 2015/11/30

Western Digital								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD Red	WD60EFRX	SATA 6.0Gb/s	6000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD Red	WD50EFRX	SATA 6.0Gb/s	5000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD Red	WD40EFRX	SATA 6.0Gb/s	4000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD Red	WD30EFRX	SATA 6.0Gb/s	3000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD Red	WD20EFRX	SATA 6.0Gb/s	2000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD Red	WD10EFRX	SATA 6.0Gb/s	1000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/02
WD Purple	WD60PURX	SATA 6.0Gb/s	6000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/04
WD Purple	WD40PURX	SATA 6.0Gb/s	4000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/04
WD Purple	WD30PURX	SATA 6.0Gb/s	3000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/04
WD Purple	WD20PURX	SATA 6.0Gb/s	2000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/04
WD Purple	WD10PURX	SATA 6.0Gb/s	1000	IntelliPower™	64	2.05.07a.bt	3.5"	OK 2015/03/04

Compatibility not equal to reliability, strongly recommend choose business critical (blue area) enterprise or NAS driver, if NAS operation in the 7x24 condition.

2016/3/8



N5810 Series HDD/SSD 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 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)



N5810 Series 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>
 - 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 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 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
9. 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_
10. WD Red Netowrk Hard Drive is designed for consumer RAID products (1~5 bays).
11. 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
12. 6TB 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.
13. The screw depth is 4mm.