



N2800 / N4800 series / N4510U / N5550 / N7510 HDD/SSD Compatibility List

Enterprise:	(note 2)
Environment:	Business critical
Availability:	24/7
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	-	2.03.08.cdv	2.5"	OK 2013/02/07

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		2.03.08	2.5"	OK 2013/04/19
SAFD 25P-M	APS25P6B256G-DCM	SATA 3.0Gb/s	256	SSD		2.03.08	2.5"	OK 2013/04/19
SAFD 25P-M	APS25P6B128G-DCM	SATA 3.0Gb/s	128	SSD		2.03.08	2.5"	OK 2013/04/10
SAFD 25P-M	APS25P6B064G-DCM	SATA 3.0Gb/s	64	SSD		2.03.08	2.5"	OK 2013/04/19
SAFD 25P-M	APS25P6B032G-DCM	SATA 3.0Gb/s	32	SSD		2.03.08	2.5"	OK 2013/04/19
SAFD 25P-M	APS25P6B016G-DCM	SATA 3.0Gb/s	16	SSD		2.03.08	2.5"	OK 2013/04/19



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HGST								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Ultrastar 7K4000	HUS724040ALE640	SATA 6.0Gb/s	4000	7200	64	2.03.01	3.5"	OK 2012/08/06
Ultrastar 7K4000	HUS724030ALE640	SATA 6.0Gb/s	3000	7200	64	2.03.01	3.5"	OK 2012/08/06
Ultrastar 7K4000	HUS724020ALE640	SATA 6.0Gb/s	2000	7200	64	2.03.01	3.5"	OK 2012/08/06
Ultrastar 7K3000	HUA723030ALA640	SATA 6.0Gb/s	3000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
Ultrastar 7K3000	HUA723020ALA640	SATA 6.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
Ultrastar A7K1000	HUA721010KLA330	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Ultrastar A7K1000	HUA721075KLA330	SATA 3.0Gb/s	750	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Ultrastar A7K1000	HUA721050KLA330	SATA 3.0Gb/s	500	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Travelstar 5K1000 EA	HTE541010A9E680	SATA 6.0Gb/s	1000	5400	8	2.03.08	2.5"	OK 2013/01/07
Travelstar 5K1000 EA	HTE541075A9E680	SATA 6.0Gb/s	750	5400	8	2.03.08	2.5"	OK 2013/01/07
Travelstar 5K1000 EA	HTE541064A9E680	SATA 6.0Gb/s	640	5400	8	2.03.08	2.5"	OK 2013/01/07
Ultrastar 7K4000	HUS724040ALA640	SATA 6.0Gb/s	4000	7200	64	2.03.09	3.5"	OK 2013/05/02
Ultrastar 7K4000	HUS724030ALA640	SATA 6.0Gb/s	3000	7200	64	2.03.09	3.5"	OK 2013/05/02
Ultrastar 7K4000	HUS724020ALA640	SATA 6.0Gb/s	2000	7200	64	2.03.09	3.5"	OK 2013/05/02



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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	-	2.03.09.cdv	2.5"	OK 2013/03/25	
520 Series	SSDSC2CW240A3	SATA 6.0Gb/s	240	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25	
520 Series	SSDSC2CW180A3	SATA 6.0Gb/s	180	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25	
520 Series	SSDSC2CW120A3	SATA 6.0Gb/s	120	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25	
520 Series	SSDSC2CW060A3	SATA 6.0Gb/s	60	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25	

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	-	2.03.08	2.5"	OK 2013/02/07	
Deneva2 C	D2CSTK251A20-0360	SATA 6.0Gb/s	360	SSD	-	2.03.08	2.5"	OK 2013/02/07	
Deneva2 C	D2CSTK251A20-0240	SATA 6.0Gb/s	240	SSD	-	2.03.08	2.5"	OK 2013/02/07	
Deneva2 C	D2CSTK251A20-0180	SATA 6.0Gb/s	180	SSD	-	2.03.08	2.5"	OK 2013/02/07	
Deneva2 C	D2CSTK251A20-0120	SATA 6.0Gb/s	120	SSD	-	2.03.08	2.5"	OK 2013/02/07	
Deneva2 C	D2CSTK251A20-0060	SATA 6.0Gb/s	60	SSD	-	2.03.08	2.5"	OK 2013/02/07	



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Seagate									
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *	
Constellation ES.3	ST5000NM0024	SATA 6.0Gb/s	5000	7200	128	2.04.01	3.5"	OK 2014/03/04	
Constellation ES.3	ST4000NM0033	SATA 6.0Gb/s	4000	7200	128	2.03.06.atom	3.5"	OK 2012/10/19	
Constellation ES.3	ST3000NM0033	SATA 6.0Gb/s	3000	7200	128	2.03.06.atom	3.5"	OK 2012/10/19	
Constellation ES.3	ST2000NM0033	SATA 6.0Gb/s	2000	7200	128	2.03.06.atom	3.5"	OK 2012/10/19	
Constellation ES.3	ST1000NM0033	SATA 6.0Gb/s	1000	7200	128	2.03.06.atom	3.5"	OK 2012/10/19	
Constellation ES.2	ST33000650NS	SATA 6.0Gb/s	3000	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Constellation ES.2	ST32000645NS	SATA 6.0Gb/s	2000	7200	64	2.03.06.atom	3.5"	OK 2012/10/19	
Constellation ES	ST32000644NS	SATA 3.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Constellation ES	ST31000524NS	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Constellation ES	ST3500514NS	SATA 3.0Gb/s	500	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Constellation ES	ST1000NM0011	SATA 6.0Gb/s	1000	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Constellation ES	ST500NM0011	SATA 6.0Gb/s	500	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Constellation ES	ST2000NM0011	SATA 6.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Constellation CS	ST3000NC000	SATA 6.0Gb/s	3000	7200	64	2.03.09.cdv	3.5"	OK 2013/03/25	
Constellation CS	ST2000NC000	SATA 6.0Gb/s	2000	7200	64	2.03.09.cdv	3.5"	OK 2013/03/25	
Constellation CS	ST1000NC000	SATA 6.0Gb/s	1000	7200	64	2.03.09.cdv	3.5"	OK 2013/03/25	
Constellation CS	ST3000NC002	SATA 6.0Gb/s	3000	7200	64	2.03.09.cdv	3.5"	OK 2013/03/25	
Constellation CS	ST2000NC001	SATA 6.0Gb/s	2000	7200	64	2.03.09.cdv	3.5"	OK 2013/03/25	
Constellation CS	ST1000NC001	SATA 6.0Gb/s	1000	7200	64	2.03.09.cdv	3.5"	OK 2013/03/25	
Constellation.2	ST91000640NS	SATA 6.0Gb/s	1000	7200	64	2.01.04.2	2.5"	OK 2012/2/7	



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Toshiba

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Enterprise	MG03ACA300	SATA 6.0Gb/s	3000	7200	64	2.03.06.atom	3.5"	OK 2012/10/19
Enterprise	MG03ACA200	SATA 6.0Gb/s	2000	7200	64	2.03.06.atom	3.5"	OK 2012/10/19
Enterprise	MG03ACA100	SATA 6.0Gb/s	1000	7200	64	2.03.06.atom	3.5"	OK 2012/10/19
Enterprise	MG03ACA400	SATA 6.0Gb/s	4000	7200	64	2.04.05	3.5"	OK 2014/06/27
Enterprise	MC04ACA500E	SATA 6.0Gb/s	5000	7200	128	2.04.05	3.5"	OK 2014/06/27

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	-	2.03.08.cdv	2.5"	OK 2013/02/18
SSD720	TS256GSSD720	SATA 6.0Gb/s	256	SSD	-	2.03.08.cdv	2.5"	OK 2013/02/18
SSD720	TS128GSSD720	SATA 6.0Gb/s	128	SSD	-	2.03.08.cdv	2.5"	OK 2013/02/18
SSD720	TS64GSSD720	SATA 6.0Gb/s	64	SSD	-	2.03.08.cdv	2.5"	OK 2013/02/18

Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD VelociRaptor	WD3000BLFS	SATA 3.0Gb/s	300	10000	16	2.01.04.2	2.5"	OK 2012/2/7
WD VelociRaptor	WD1500BLFS	SATA 3.0Gb/s	150	10000	16	2.01.04.2	2.5"	OK 2012/2/7
WD RE	WD4000FYYZ	SATA 6.0Gb/s	4000	7200	64	2.03.06.atom	3.5"	OK 2012/11/20
WD RE	WD3000FYYZ	SATA 6.0Gb/s	3000	7200	64	2.03.06.atom	3.5"	OK 2012/11/20
WD RE	WD2000FYYZ	SATA 6.0Gb/s	2000	7200	64	2.03.06.atom	3.5"	OK 2012/11/20
WD RE4-GP	WD2002FYPS	SATA 3.0Gb/s	2000	IntelliPower™	64	2.01.04.2	3.5"	OK 2012/2/7
WD RE4	WD1003FBYX	SATA 3.0Gb/s	1000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
WD RE4	WD5003ABYX	SATA 3.0Gb/s	500	7200	64	2.01.04.2	3.5"	OK 2012/2/7
WD RE4	WD2003FYYS	SATA 3.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
WD RE4	WD1503FYYS	SATA 3.0Gb/s	1500	7200	64	2.01.04.2	3.5"	OK 2012/2/7
WD RE3	WD1002FBYS	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7
WD SE	WD4000F9YZ	SATA 6.0Gb/s	4000	7200	64	2.03.09	3.5"	OK 2013/05/23
WD SE	WD3000F9YZ	SATA 6.0Gb/s	3000	7200	64	2.03.09	3.5"	OK 2013/05/23
WD SE	WD2000F9YZ	SATA 6.0Gb/s	2000	7200	64	2.03.09	3.5"	OK 2013/05/23
WD SE	WD1002F9YZ	SATA 6.0Gb/s	1.0TB	7200	128	2.04.01	3.5"	OK 2014/02/26
WD RED PRO	WD4001FFSX	SATA 6.0Gb/s	4000	7200	64	2.04.06a	3.5"	* OK 2014/07/21
WD RED PRO	WD3001FFSX	SATA 6.0Gb/s	3000	7200	64	2.04.06a	3.5"	* OK 2014/07/21
WD RED PRO	WD2001FFSX	SATA 6.0Gb/s	2000	7200	64	2.04.06a	3.5"	* OK 2014/07/21



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Consumer:	(note 2)
Environment:	Small office / Home
Availability:	8 Hours / day
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	-	2.03.08.cdv	2.5"	OK 2013/02/07

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	-	2.03.09.cdv	2.5"	OK 2013/04/01



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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	-	2.03.08.cdv	2.5"	OK 2013/03/15
Neutron Series GTX	240GB	SATA 6.0Gb/s	240	SSD	-	2.03.08.cdv	2.5"	OK 2013/03/15
Neutron Series GTX	480GB	SATA 6.0Gb/s	480	SSD	-	2.03.08.cdv	2.5"	OK 2013/03/15
Force Series GS	128GB	SATA 6.0Gb/s	128	SSD	-	2.03.08.cdv	2.5"	OK 2013/03/15
Force Series GS	180GB	SATA 6.0Gb/s	180	SSD	-	2.03.08.cdv	2.5"	OK 2013/03/15
Force Series GS	240GB	SATA 6.0Gb/s	240	SSD	-	2.03.08.cdv	2.5"	OK 2013/03/15
Force Series GS	360GB	SATA 6.0Gb/s	360	SSD	-	2.03.08.cdv	2.5"	OK 2013/03/15
Force Series GS	480GB	SATA 6.0Gb/s	480	SSD	-	2.03.08.cdv	2.5"	OK 2013/03/15

CRUCIAL SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
M4 SATA	CT512M4SSD2	SATA 6.0Gb/s	512	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25
M4 SATA	CT256M4SSD2	SATA 6.0Gb/s	256	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25
M4 SATA	CT128M4SSD2	SATA 6.0Gb/s	128	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25
M4 SATA	CT064M4SSD2	SATA 6.0Gb/s	64	SSD	-	2.03.09.cdv	2.5"	OK 2013/03/25



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HGST									
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *	
Deskstar NAS	HDN724040ALE640	SATA 6.0Gb/s	4000	7200	64	2.04.05	3.5"	OK 2014/05/07	
Deskstar NAS	HDN724030ALE640	SATA 6.0Gb/s	3000	7200	64	2.04.05	3.5"	OK 2014/05/26	
Deskstar 7K4000	HDS724040ALE640	SATA 6.0Gb/s	4000	7200	64	2.02.02	3.5"	OK 2012/7/26	
Deskstar 7K3000	HDS723030ALA640	SATA 6.0Gb/s	3000	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K3000	HDS723020BLA642	SATA 6.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K3000	HDS723015BLA642	SATA 6.0Gb/s	1500	7200	64	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K2000	HDS722020ALA330	SATA 3.0Gb/s	2000	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.C	HDS721010CLA332	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.C	HDS721075CLA332	SATA 3.0Gb/s	750	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.C	HDS721064CLA332	SATA 3.0Gb/s	640	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.C	HDS721050CLA362	SATA 3.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.C	HDS721032CLA362	SATA 3.0Gb/s	320	7200	16	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.C	HDS721025CLA382	SATA 3.0Gb/s	250	7200	8	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.C	HDS721016CLA382	SATA 3.0Gb/s	160	7200	8	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.B	HDT721010SLA360	SATA 3.0Gb/s	1000	7200	16	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.B	HDT721075SLA360	SATA 3.0Gb/s	750	7200	16	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.B	HDT721064SLA360	SATA 3.0Gb/s	640	7200	16	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.B	HDT721050SLA360	SATA 3.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.B	HDT721032SLA360	SATA 3.0Gb/s	320	7200	16	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.B	HDT721025SLA380	SATA 3.0Gb/s	250	7200	8	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 7K1000.B	HDT721016SLA380	SATA 3.0Gb/s	160	7200	8	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar E7K1000	HDE721010SLA330	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar E7K1000	HDE721075SLA330	SATA 3.0Gb/s	750	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar E7K1000	HDE721050SLA330	SATA 3.0Gb/s	500	7200	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 5K3000	HDS5C3030ALA630	SATA 6.0Gb/s	3000	CoolSpin	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 5K3000	HDS5C3020ALA632	SATA 6.0Gb/s	2000	CoolSpin	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 5K3000	HDS5C3015ALA632	SATA 6.0Gb/s	1500	CoolSpin	32	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 5K1000	HDS5C1010CLA382	SATA 3.0Gb/s	1000	CoolSpin	8	2.01.04.2	3.5"	OK 2012/2/7	
Deskstar 5K1000	HDS5C1050CLA382	SATA 3.0Gb/s	500	CoolSpin	8	2.01.04.2	3.5"	OK 2012/2/7	
Travelstar 5K1000	HTS541010A9E680	SATA 6.0Gb/s	1000	5400	8	2.03.08	2.5"	OK 2013/01/07	
Travelstar 5K1000	HTS541075A9E680	SATA 6.0Gb/s	750	5400	8	2.03.08	2.5"	OK 2013/01/07	
Travelstar 5K1000	HTS541064A9E680	SATA 6.0Gb/s	640	5400	8	2.03.08	2.5"	OK 2013/01/07	
MegaScale 4000	HMS5C4040ALE640	SATA 6.0Gb/s	4000	5700	64	2.03.09.cdv	3.5"	OK 2013/03/25	



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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	-	2.01.04.2	2.5"	OK 2012/2/7
Commercial Series	FTM Plus	SATA 6.0Gb/s	240	SSD	-	2.01.04.2	2.5"	OK 2012/2/7
Commercial Series	FTM Plus	SATA 6.0Gb/s	120	SSD	-	2.01.04.2	2.5"	OK 2012/2/7
Commercial Series	FTM Plus	SATA 6.0Gb/s	60	SSD	-	2.01.04.2	2.5"	OK 2012/2/7

SanDisk SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Ultra Plus	SDSSDHP-256G	SATA 6.0Gb/s	256	SSD	-	2.03.09.cdv	2.5"	OK 2013/04/01
Ultra Plus	SDSSDHP-128G	SATA 6.0Gb/s	128	SSD	-	2.03.09.cdv	2.5"	OK 2013/04/01
Ultra Plus	SDSSDHP-064G	SATA 6.0Gb/s	64	SSD	-	2.03.09.cdv	2.5"	OK 2013/04/01
X110	256GB	SATA 6.0Gb/s	256	SSD	-	2.03.09.cdv	2.5"	OK 2013/04/01
X110	128GB	SATA 6.0Gb/s	128	SSD	-	2.03.09.cdv	2.5"	OK 2013/04/01
X110	64GB	SATA 6.0Gb/s	64	SSD	-	2.03.09.cdv	2.5"	OK 2013/04/01

Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Barracuda XT	ST4000DX000	SATA 6.0Gb/s	4000	7200	64	2.01.04.2	3.5"	OK 2012/2/29
Barracuda	ST3000DM001	SATA 6.0Gb/s	3000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
Barracuda	ST2000DM001	SATA 6.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
Barracuda XT	ST33000651AS	SATA 6.0Gb/s	3000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
Barracuda XT	ST32000641AS	SATA 6.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7
Barracuda Green	ST2000DL003	SATA 6.0Gb/s	2000	5900	64	2.01.04.2	3.5"	OK 2012/2/7
Barracuda Green	ST1500DL003	SATA 6.0Gb/s	1500	5900	64	2.01.04.2	3.5"	OK 2012/2/7
Barracuda LP	ST32000542AS	SATA 3.0Gb/s	2000	5900	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda LP	ST31500541AS	SATA 3.0Gb/s	1500	5900	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda LP	ST31000520AS	SATA 3.0Gb/s	1000	5900	32	2.01.04.2	3.5"	OK 2012/2/7



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Barracuda 7200.12	ST31000524AS	SATA 6.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST3500413AS	SATA 6.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST500DM002	SATA 6.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST31000528AS	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST3750528AS	SATA 3.0Gb/s	750	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST3500418AS	SATA 3.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST3500410AS	SATA 3.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST3320418AS	SATA 3.0Gb/s	320	7200	16	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST3250318AS	SATA 3.0Gb/s	250	7200	8	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.12	ST3160318AS	SATA 3.0Gb/s	160	7200	8	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.11	ST31500341AS	SATA 3.0Gb/s	1500	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.11	ST31000340AS	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.11	ST31000333AS	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.11	ST3750330AS	SATA 3.0Gb/s	750	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.11	ST3640323AS	SATA 3.0Gb/s	640	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.11	ST3500320AS	SATA 3.0Gb/s	500	7200	32	2.01.04.2	3.5"	OK 2012/2/7
Barracuda 7200.11	ST3320613AS	SATA 3.0Gb/s	320	7200	16	2.01.04.2	3.5"	OK 2012/2/7
Video HDD	ST4000VM000	SATA 6.0Gb/s	4000	5900	64	2.03.09	3.5"	OK 2013/04/22
Video HDD	ST2000VM003	SATA 3.0Gb/s	2000	5900	64	2.03.08	3.5"	OK 2013/04/01
Video HDD	ST2000VM002	SATA 3.0Gb/s	2000	5900	64	2.03.08	3.5"	OK 2013/04/01
Video HDD	ST1500VM002	SATA 3.0Gb/s	1500	5900	64	2.03.08	3.5"	OK 2013/04/01
Video HDD	ST1000VM002	SATA 3.0Gb/s	1000	5900	64	2.03.08	3.5"	OK 2013/04/01
Video HDD	ST3000VM002	SATA 6.0Gb/s	3000	5900	64	2.04.05	3.5"	OK 2014/05/07
Video HDD	ST2000VM003	SATA 6.0Gb/s	2000	5900	64	2.04.05	3.5"	* OK 2014/05/26 (*13)
Video HDD	ST1000VM002	SATA 6.0Gb/s	1000	5900	64	2.04.05	3.5"	OK 2014/05/07 (*13)
Desktop.15	ST4000DM000	SATA 6.0Gb/s	4000	-	64	2.03.09	3.5"	OK 2013/04/24
NAS HDD	ST4000VN000	SATA 6.0Gb/s	4000	5900	64	2.03.09	3.5"	OK 2013/05/24
NAS HDD	ST3000VN000	SATA 6.0Gb/s	3000	5900	64	2.03.09	3.5"	OK 2013/05/24
NAS HDD	ST2000VN000	SATA 6.0Gb/s	2000	5900	64	2.03.09	3.5"	OK 2013/05/24



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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	2.01.04.2	3.5"	OK 2012/2/7	
EcoGreen F3	HD203WI	SATA 3.0Gb/s	2000	5400	32	2.01.04.2	3.5"	OK 2012/2/7	
EcoGreen F2	HD103SI	SATA 3.0Gb/s	1000	5400	32	2.01.04.2	3.5"	OK 2012/2/7	
SpinPoint F1	HD103UJ	SATA 3.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7	

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	2.03.04.atom	3.5"	OK 2012/09/19	
DT01ACA Series	DT01ACA200	SATA 6.0Gb/s	2000	7200	64	2.03.04.atom	3.5"	OK 2012/09/19	
DT01ACA Series	DT01ACA100	SATA 6.0Gb/s	1000	7200	32	2.03.04.atom	3.5"	OK 2012/09/19	
DT01ACA Series	DT01ACA050	SATA 6.0Gb/s	500	7200	32	2.03.04.atom	3.5"	OK 2012/09/19	
MKxx59GSXP	MK6459GSX	SATA 3.0Gb/s	640	5400	8	2.01.04.2	2.5"	OK 2012/2/7	
MKxx59GSXP	MK5059GSX	SATA 3.0Gb/s	500	5400	8	2.01.04.2	2.5"	OK 2012/2/7	
MKxx59GSXP	MK3259GSX	SATA 3.0Gb/s	320	5400	8	2.01.04.2	2.5"	OK 2012/2/7	
MKxx59GSXP	MK2559GSX	SATA 3.0Gb/s	250	5400	8	2.01.04.2	2.5"	OK 2012/2/7	
MKxx59GSXP	MK1659GSX	SATA 3.0Gb/s	160	5400	8	2.01.04.2	2.5"	OK 2012/2/7	
Sonance	MD03ACA400V	SATA 6.0Gb/s	4000	7200	64	2.04.05	3.5"	OK 2014/05/07	
Sonance	MD03ACA300V	SATA 6.0Gb/s	3000	7200	64	2.04.05	3.5"	* OK 2014/05/26	
Sonance	MD03ACA200V	SATA 6.0Gb/s	2000	7200	64	2.04.05	3.5"	* OK 2014/05/26	
Sonance	MD03ACA100V	SATA 6.0Gb/s	1000	7200	64	2.04.05	3.5"	* OK 2014/05/26	
Sonance	MD03ACA400V	SATA 6.0Gb/s	4000	7200	64	2.04.05	3.5"	*OK 2014/06/27	

Toshiba SSD									
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *	
THNSHxxxGCST	THNSNH512GCST	SATA 6.0Gb/s	512	SSD	-	2.04.01	2.5"	OK 2013/07/25	
THNSHxxxGCST	THNSNH256GCST	SATA 6.0Gb/s	256	SSD	-	2.04.01	2.5"	OK 2013/07/25	
THNSHxxxGCST	THNSNH128GCST	SATA 6.0Gb/s	128	SSD	-	2.04.01	2.5"	OK 2013/07/25	
THNSHxxxGCST	THNSNH60GCST	SATA 6.0Gb/s	60	SSD	-	2.04.01	2.5"	OK 2013/07/25	



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Western Digital								
Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD Purple	WD40PURX	SATA 6.0Gb/s	4000	IntelliPower™	64	2.04.01	3.5"	OK 2014/05/07
WD Purple	WD30PURX	SATA 6.0Gb/s	3000	IntelliPower™	64	2.04.01	3.5"	OK 2014/05/07
WD Purple	WD20PURX	SATA 6.0Gb/s	2000	IntelliPower™	64	2.04.01	3.5"	OK 2014/05/07
WD Purple	WD10PURX	SATA 6.0Gb/s	1000	IntelliPower™	64	2.04.01	3.5"	OK 2014/05/07
WD Red	WD60EFRX	SATA 6.0Gb/s	6000	IntelliPower™	64	2.04.06a	3.5"	* OK 2014/07/21(*10~14)
WD Red	WD50EFRX	SATA 6.0Gb/s	5000	IntelliPower™	64	2.04.06a	3.5"	* OK 2014/07/21(*10~14)
WD Red	WD40EFRX	SATA 6.0Gb/s	4000	IntelliPower™	64	2.04.01	3.5"	OK 2014/06/27 (*10)
WD Red	WD30EFRX	SATA 6.0Gb/s	3000	IntelliPower™	64	2.02.02	3.5"	OK 2012/7/11 (*10)
WD Red	WD20EFRX	SATA 6.0Gb/s	2000	IntelliPower™	64	2.02.02	3.5"	OK 2012/7/11 (*10)
WD Red	WD10EFRX	SATA 6.0Gb/s	1000	IntelliPower™	64	2.02.02	3.5"	OK 2012/7/11 (*10)
WD Black	WD2002FAEX	SATA 6.0Gb/s	2000	7200	64	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Black	WD1502FAEX	SATA 6.0Gb/s	1500	7200	64	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Black	WD5002AALX	SATA 6.0Gb/s	500	7200	32	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD10EALX	SATA 6.0Gb/s	1000	7200	32	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD7500AALX	SATA 6.0Gb/s	750	7200	32	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD5000AAKX	SATA 6.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD7500AAKS	SATA 3.0Gb/s	750	7200	16	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD6400AAKS	SATA 3.0Gb/s	640	7200	16	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD5000AAKS	SATA 3.0Gb/s	500	7200	16	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD4000AAKS	SATA 3.0Gb/s	400	7200	16	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD3200AAKS	SATA 3.0Gb/s	320	7200	16	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD2500AAKS	SATA 3.0Gb/s	250	7200	16	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Blue	WD6400BEVT	SATA 3.0Gb/s	640	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)
WD Blue	WD5000BEVT	SATA 3.0Gb/s	500	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)
WD Blue	WD4000BEVT	SATA 3.0Gb/s	400	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)
WD Blue	WD3200BEVT	SATA 3.0Gb/s	320	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)
WD Blue	WD2500BEVT	SATA 3.0Gb/s	250	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)
WD Blue	WD1600BEVT	SATA 3.0Gb/s	160	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)
WD Blue	WD1200BEVT	SATA 3.0Gb/s	120	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)
WD Blue	WD800BEVT	SATA 3.0Gb/s	80	5400	8	2.01.04.2	2.5"	OK 2012/2/7 (*7)



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WD Green	WD30EZRS	SATA 3.0Gb/s	3000	IntelliPower™	64	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Green	WD20EADS	SATA 3.0Gb/s	2000	IntelliPower™	32	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Green	WD15EADS	SATA 3.0Gb/s	1500	IntelliPower™	32	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Green	WD10EADS	SATA 3.0Gb/s	1000	IntelliPower™	32	2.01.04.2	3.5"	OK 2012/2/7 (*7)
WD Caviar Black	WD3001FAEX	SATA 6.0Gb/s	3000	7200	64	2.03.09	3.5"	OK 2013/04/30
WD Caviar Black	WD2002FAEX	SATA 6.0Gb/s	2000	7200	64	2.03.09	3.5"	OK 2013/04/30
WD Caviar Black	WD1502FAEX	SATA 6.0Gb/s	1500	7200	64	2.03.09	3.5"	OK 2013/04/30



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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	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	WD10EZEX	SATA 6.0Gb/s	1000	7200	64	OS6.Build_283	3.5"	Not recommend (*12)
WD Blue	WD10EALS	SATA 6.0Gb/s	1000	7200	64	OS6.Build_283	3.5"	Not recommend (*12)



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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 Network 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. N4560 & N4520, NAS with OS6 FW cannot use this disk
13. 2014 new version available.
14. The screw depth is 4mm.