



# N4100PRO HDD/SSD Compatibilit List

<b>Enterprise:</b>	(note 2)
<b>Environment:</b>	Business critical
<b>Availability:</b>	24/7
<b>Reliability:</b>	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	-	5.03.01.2	2.5"	OK 2013/02/18

## HGST

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Ultrastar 7K4000	HUS724040ALA640	SATA 6.0Gb/s	4000	7200	64	5.03.01.2	3.5"	OK 2013/06/25 (*10)
Ultrastar 7K4000	HUS724030ALA640	SATA 6.0Gb/s	3000	7200	64	5.03.01.2	3.5"	OK 2013/06/25
Ultrastar 7K4000	HUS724020ALA640	SATA 6.0Gb/s	2000	7200	64	5.03.01.2	3.5"	OK 2013/06/25
Ultrastar 7K4000	HUS724040ALE640	SATA 6.0Gb/s	4000	7200	64	5.03.01	3.5"	OK 2012/08/22
Ultrastar 7K4000	HUS724030ALE640	SATA 6.0Gb/s	3000	7200	64	5.03.01	3.5"	OK 2012/08/22
Ultrastar 7K4000	HUS724020ALE640	SATA 6.0Gb/s	2000	7200	64	5.03.01	3.5"	OK 2012/08/22
Ultrastar 7K3000	HUA723030ALA640	SATA 6.0Gb/s	3000	7200	64	5.01.04	3.5"	OK 2011/06/29
Ultrastar 7K3000	HUA723020ALA640	SATA 6.0Gb/s	2000	7200	64	5.01.04	3.5"	OK 2011/06/29
Ultrastar A7K1000	HUA721010KLA330	SATA 3.0Gb/s	1000	7200	32	3.04.03	3.5"	OK 2010/11/01
Ultrastar A7K1000	HUA721075KLA330	SATA 3.0Gb/s	750	7200	32	3.04.03	3.5"	OK 2010/11/01
Ultrastar A7K1000	HUA721050KLA330	SATA 3.0Gb/s	500	7200	32	3.04.03	3.5"	OK 2010/11/01
Travelstar 5K1000 EA	HTE541010A9E680	SATA 6.0Gb/s	1000	5400	8	5.03.01.2	2.5"	OK 2013/01/22
Travelstar 5K1000 EA	HTE541075A9E680	SATA 6.0Gb/s	750	5400	8	5.03.01.2	2.5"	OK 2013/01/22
Travelstar 5K1000 EA	HTE541064A9E680	SATA 6.0Gb/s	640	5400	8	5.03.01.2	2.5"	OK 2013/01/22
MegaScale DC 4000.B	HMS5C4040BLE640	SATA 6.0Gb/s	4000	CoolSpin	64	5.03.02.2	3.5"	OK 2014/02/11 (*10)



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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	-	5.03.01.2	2.5"	OK 2013/04/01
520 Series	SSDSC2CW240A3	SATA 6.0Gb/s	240	SSD	-	5.03.01.2	2.5"	OK 2013/04/01
520 Series	SSDSC2CW180A3	SATA 6.0Gb/s	180	SSD	-	5.03.01.2	2.5"	OK 2013/04/01
520 Series	SSDSC2CW120A3	SATA 6.0Gb/s	120	SSD	-	5.03.01.2	2.5"	OK 2013/04/01
520 Series	SSDSC2CW060A3	SATA 6.0Gb/s	60	SSD	-	5.03.01.2	2.5"	OK 2013/04/01

## Seagate

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Terascale HDD	ST4000NC001	SATA 6.0Gb/s	4000	5900	64	5.03.01.2	3.5"	OK 2013/08/08 (*10)
Constellation CS	ST3000NC000	SATA 6.0Gb/s	3000	7200	64	5.03.01.2	3.5"	OK 2013/04/01
Constellation CS	ST2000NC000	SATA 6.0Gb/s	2000	7200	64	5.03.01.2	3.5"	OK 2013/04/01
Constellation CS	ST1000NC000	SATA 6.0Gb/s	1000	7200	64	5.03.01.2	3.5"	OK 2013/04/01
Constellation ES.3	ST5000NM0024	SATA 6.0Gb/s	5000	7200	128	5.03.02.2	3.5"	OK 2014/03/04 (*10)
Constellation ES.3	ST4000NM0033	SATA 6.0Gb/s	4000	7200	128	5.03.01.2	3.5"	OK 2012/12/28 (*10)
Constellation ES.3	ST3000NM0033	SATA 6.0Gb/s	3000	7200	128	5.03.01.2	3.5"	OK 2012/12/28
Constellation ES.3	ST2000NM0033	SATA 6.0Gb/s	2000	7200	128	5.03.01.2	3.5"	OK 2012/12/28
Constellation ES.3	ST1000NM0033	SATA 6.0Gb/s	1000	7200	128	5.03.01.2	3.5"	OK 2012/12/28
Constellation ES.2	ST32000645NS	SATA 6.0Gb/s	2000	7200	64	5.03.01.2	3.5"	OK 2012/11/07
Constellation ES	ST2000NM0011	SATA 6.0Gb/s	2000	7200	64	5.01.04	3.5"	OK 2011/09/13
Constellation ES	ST1000NM0011	SATA 6.0Gb/s	1000	7200	64	5.01.04	3.5"	OK 2011/09/13
Constellation ES	ST500NM0011	SATA 6.0Gb/s	500	7200	64	5.01.04	3.5"	OK 2011/09/13
Barracuda ES.2	ST31000340NS	SATA 3.0Gb/s	1000	7200	32	2.01.04	3.5"	OK 2008/11/10
Barracuda ES.2	ST3750330NS	SATA 3.0Gb/s	750	7200	32	2.01.04	3.5"	OK 2008/11/10
Barracuda ES.2	ST3500320NS	SATA 3.0Gb/s	500	7200	32	2.01.04	3.5"	OK 2008/11/10
Barracuda ES.2	ST3250310NS	SATA 3.0Gb/s	250	7200	32	2.01.04	3.5"	OK 2008/11/10
Barracuda ES	ST3750640NS	SATA 3.0Gb/s	750	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda ES	ST3500630NS	SATA 3.0Gb/s	500	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda ES	ST3400620NS	SATA 3.0Gb/s	400	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda ES	ST3250620NS	SATA 3.0Gb/s	250	7200	16	2.01.04	3.5"	OK 2008/11/10



# N4100PRO HDD/SSD Compatibilit List

## Toshiba

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
MG03ACAxxxE	MG04ACA400	SATA 6.0Gb/s	4000	7200	128	5.03.02.2	3.5"	* OK 2014/07/07
MG03ACAxxxE	MG04ACA300	SATA 6.0Gb/s	3000	7200	128	5.03.02.2	3.5"	* OK 2014/07/07
MG03ACAxxxE	MG04ACA200	SATA 6.0Gb/s	2000	7200	128	5.03.02.2	3.5"	* OK 2014/07/07
MG03ACAxxxE	MG04ACA100	SATA 6.0Gb/s	1000	7200	128	5.03.02.2	3.5"	* OK 2014/07/07
MKx002TSKB	MK2002TSKB	SATA 3.0Gb/s	2000	7200	64	5.03.00.7	3.5"	OK 2012/02/24
MKx002TSKB	MK1002TSKB	SATA 3.0Gb/s	1000	7200	64	5.03.00.7	3.5"	OK 2012/02/24
Enterprise	MG03ACA300	SATA 6.0Gb/s	3000	7200	64	5.03.01.2	3.5"	OK 2012/11/07
Enterprise	MG03ACA200	SATA 6.0Gb/s	2000	7200	64	5.03.01.2	3.5"	OK 2012/11/07
Enterprise	MG03ACA100	SATA 6.0Gb/s	1000	7200	64	5.03.01.2	3.5"	OK 2012/11/07

## 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	-	5.03.01.2	2.5"	OK 2013/02/07
SSD720	TS256GSSD720	SATA 6.0Gb/s	256	SSD	-	5.03.01.2	2.5"	OK 2013/02/07
SSD720	TS128GSSD720	SATA 6.0Gb/s	128	SSD	-	5.03.01.2	2.5"	OK 2013/02/07
SSD720	TS64GSSD720	SATA 6.0Gb/s	64	SSD	-	5.03.01.2	2.5"	OK 2013/02/07

## Western Digital

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
WD RE	WD4000FYYZ	SATA 6.0Gb/s	4000	7200	64	5.03.01.2	3.5"	OK 2013/01/07 (*10)
WD RE	WD3000FYYZ	SATA 6.0Gb/s	3000	7200	64	5.03.01.2	3.5"	OK 2013/01/07
WD RE	WD2000FYYZ	SATA 6.0Gb/s	2000	7200	64	5.03.01.2	3.5"	OK 2013/01/07
WD RE4	WD1003FBYX	SATA 3.0Gb/s	1000	7200	64	3.01.01	3.5"	OK 2010/06/15
WD RE4	WD5003ABYX	SATA 3.0Gb/s	500	7200	64	3.01.01	3.5"	OK 2010/06/15
WD Raptor	WD360GD	SATA 1.5Gb/s	36.7	10000	8	2.01.04	3.5"	OK 2008/11/10
WD Se	WD4000F9YZ	SATA 6.0Gb/s	4000	7200	64	5.03.01.2	3.5"	OK 2013/06/25 (*10)
WD Se	WD3000F9YZ	SATA 6.0Gb/s	3000	7200	64	5.03.01.2	3.5"	OK 2013/06/25
WD Se	WD2000F9YZ	SATA 6.0Gb/s	2000	7200	64	5.03.01.2	3.5"	OK 2013/06/25
WD Se	WD1000F9YZ	SATA 6.0Gb/s	1000	7200	128	5.03.02.2	3.5"	OK 2014/02/11



# N4100PRO HDD/SSD Compatibilit List

<b>Consumer:</b>	(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	-	5.03.01	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	-	5.03.01.2	2.5"	OK 2013/04/17

## CORSAIR SSD

Series	Model	Interface	Capacity (GB)	Rotational Speed (RPM)	Buffer Size (MB)	NAS Firmware	Form Factor	Recently Updated *
Force Series GS	128GB	SATA 6.0Gb/s	128	SSD	-	5.03.01.2	2.5"	OK 2013/03/25
Force Series GS	180GB	SATA 6.0Gb/s	180	SSD	-	5.03.01.2	2.5"	OK 2013/03/25
Force Series GS	240GB	SATA 6.0Gb/s	240	SSD	-	5.03.01.2	2.5"	OK 2013/03/25
Force Series GS	360GB	SATA 6.0Gb/s	360	SSD	-	5.03.01.2	2.5"	OK 2013/03/25
Force Series GS	480GB	SATA 6.0Gb/s	480	SSD	-	5.03.01.2	2.5"	OK 2013/03/25

## 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	-	5.03.01.2	2.5"	OK 2013/04/09
M4 SATA	CT256M4SSD2	SATA 6.0Gb/s	256	SSD	-	5.03.01.2	2.5"	OK 2013/04/09
M4 SATA	CT128M4SSD2	SATA 6.0Gb/s	128	SSD	-	5.03.01.2	2.5"	OK 2013/04/09
M4 SATA	CT064M4SSD2	SATA 6.0Gb/s	64	SSD	-	5.03.01.2	2.5"	OK 2013/04/09



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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	5.03.02.2	3.5"	OK 2014/04/15 (*10)	
Deskstar NAS	HDN724030ALE640	SATA 6.0Gb/s	3000	7200	64	5.03.02.2	3.5"	OK 2014/04/15	
Deskstar 7K4000	HDS724040ALE640	SATA 6.0Gb/s	4000	7200	64	5.03.01	3.5"	OK 2012/08/09 (*10)	
Deskstar 7K3000	HDS723030ALA640	SATA 6.0Gb/s	3000	7200	64	5.01.04	3.5"	OK 2011/06/29	
Deskstar 7K3000	HDS723020BLA642	SATA 6.0Gb/s	2000	7200	64	5.01.04	3.5"	OK 2011/06/29	
Deskstar 7K3000	HDS723015BLA642	SATA 6.0Gb/s	1500	7200	64	5.01.04	3.5"	OK 2011/06/29	
Deskstar 7K2000	HDS722020ALA330	SATA 3.0Gb/s	2000	7200	32	2.01.09	3.5"	OK 2009/09/06	
Deskstar E7K1000	HDE721010SLA330	SATA 3.0 Gb/s	1000	7200	32	2.01.07	3.5"	OK 2009/03/23	
Deskstar E7K1000	HDE721075SLA330	SATA 3.0 Gb/s	750	7200	32	2.01.07	3.5"	OK 2009/03/23	
Deskstar E7K1000	HDE721050SLA330	SATA 3.0 Gb/s	500	7200	32	2.01.07	3.5"	OK 2009/03/23	
Deskstar 7K1000.D	HDS721010DLE630	SATA 6.0Gb/s	1000	7200	32	5.03.00.7	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721075DLE630	SATA 6.0Gb/s	750	7200	32	5.03.00.7	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721050DLE630	SATA 6.0Gb/s	500	7200	32	5.03.00.7	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721032DLE630	SATA 6.0Gb/s	320	7200	32	5.03.00.7	3.5"	OK 2012/02/24	
Deskstar 7K1000.D	HDS721025DLE630	SATA 6.0Gb/s	250	7200	32	5.03.00.7	3.5"	OK 2012/02/24	
Deskstar 7K1000.C	HDS721010CLA332	SATA 3.0Gb/s	1000	7200	32	2.01.09	3.5"	OK 2009/12/22	
Deskstar 7K1000.C	HDS721075CLA332	SATA 3.0Gb/s	750	7200	32	2.01.09	3.5"	OK 2009/12/22	
Deskstar 7K1000.C	HDS721064CLA332	SATA 3.0Gb/s	640	7200	32	2.01.09	3.5"	OK 2009/12/22	
Deskstar 7K1000.C	HDS721050CLA362	SATA 3.0Gb/s	500	7200	16	2.01.09	3.5"	OK 2009/12/22	
Deskstar 7K1000.C	HDS721032CLA362	SATA 3.0Gb/s	320	7200	16	2.01.09	3.5"	OK 2009/12/22	
Deskstar 7K1000.C	HDS721025CLA382	SATA 3.0Gb/s	250	7200	8	2.01.09	3.5"	OK 2009/12/22	
Deskstar 7K1000.C	HDS721016CLA382	SATA 3.0Gb/s	160	7200	8	2.01.09	3.5"	OK 2009/12/22	
Deskstar 7K1000.B	HDT721010SLA360	SATA 3.0Gb/s	1000	7200	16	2.01.09	3.5"	OK 2009/05/22	
Deskstar 7K1000.B	HDT721075SLA360	SATA 3.0Gb/s	750	7200	16	2.01.09	3.5"	OK 2009/05/22	
Deskstar 7K1000.B	HDT721064SLA360	SATA 3.0Gb/s	640	7200	16	2.01.09	3.5"	OK 2009/05/22	
Deskstar 7K1000.B	HDT721050SLA360	SATA 3.0Gb/s	500	7200	16	2.01.09	3.5"	OK 2009/05/22	
Deskstar 7K1000.B	HDT721032SLA360	SATA 3.0Gb/s	320	7200	16	2.01.09	3.5"	OK 2009/05/22	
Deskstar 7K1000.B	HDT721025SLA380	SATA 3.0Gb/s	250	7200	8	2.01.09	3.5"	OK 2009/05/22	
Deskstar 7K1000.B	HDT721016SLA380	SATA 3.0Gb/s	160	7200	8	2.01.09	3.5"	OK 2009/05/22	



# N4100PRO HDD/SSD Compatibilit List

Deskstar 7K1000	HDS721010KLA330	SATA 3.0 Gb/s	1000	7200	32	2.01.04	3.5"	OK 2008/11/10
Deskstar 7K1000	HDS721075KLA330	SATA 3.0 Gb/s	750	7200	32	2.01.04	3.5"	OK 2008/11/10
Deskstar 5K3000	HDS5C3030ALA630	SATA 6.0Gb/s	3000	CoolSpin	32	5.01.04	3.5"	OK 2011/06/29
Deskstar 5K3000	HDS5C3020ALA632	SATA 6.0Gb/s	2000	CoolSpin	32	5.01.04	3.5"	OK 2011/06/29
Deskstar 5K3000	HDS5C3015ALA632	SATA 6.0Gb/s	1500	CoolSpin	32	5.01.04	3.5"	OK 2011/06/29
Deskstar 5K1000	HDS5C1010CLA382	SATA 3.0Gb/s	1000	CoolSpin	8	3.04.03	3.5"	OK 2010/11/01
Deskstar 5K1000	HDS5C1050CLA382	SATA 3.0Gb/s	500	CoolSpin	8	3.04.03	3.5"	OK 2010/11/01
Travelstar Z5K500	HTS545050A7E380	SATA 3.0Gb/s	500	5400	8	5.01.04	2.5"	OK 2011/06/29
Travelstar Z5K500	HTS545032A7E380	SATA 3.0Gb/s	320	5400	8	5.01.04	2.5"	OK 2011/06/29
Travelstar Z5K500	HTS545025A7E380	SATA 3.0Gb/s	250	5400	8	5.01.04	2.5"	OK 2011/06/29
MegaScale 4000	HMS5C4040ALE640	SATA 6.0Gb/s	4000	5700	64	5.03.01.2	3.5"	OK 2013/04/17 (*10)
Travelstar 5K1000	HTS541010A9E680	SATA 6.0Gb/s	1000	5400	8	5.03.01.2	2.5"	OK 2013/01/22
Travelstar 5K1000	HTS541075A9E680	SATA 6.0Gb/s	750	5400	8	5.03.01.2	2.5"	OK 2013/01/22
Travelstar 5K1000	HTS541064A9E680	SATA 6.0Gb/s	640	5400	8	5.03.01.2	2.5"	OK 2013/01/22
Travelstar 5K1500	HTS541515A9E630	SATA 6.0Gb/s	1500	5400	32	5.03.02.2	2.5"	OK 2014/02/11

## 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	-	5.01.05	2.5"	OK 2011/11/16
Commercial Series	FTM Plus	SATA 6.0Gb/s	240	SSD	-	5.01.05	2.5"	OK 2011/11/16
Commercial Series	FTM Plus	SATA 6.0Gb/s	120	SSD	-	5.01.05	2.5"	OK 2011/11/16
Commercial Series	FTM Plus	SATA 6.0Gb/s	60	SSD	-	5.01.05	2.5"	OK 2011/11/16

## 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	-	5.03.01.2	2.5"	OK 2013/04/09
Ultra Plus	SDSSDHP-128G	SATA 6.0Gb/s	128	SSD	-	5.03.01.2	2.5"	OK 2013/04/09
Ultra Plus	SDSSDHP-064G	SATA 6.0Gb/s	64	SSD	-	5.03.01.2	2.5"	OK 2013/04/09
X110	256GB	SATA 6.0Gb/s	256	SSD	-	5.03.01.2	2.5"	OK 2013/04/09
X110	128GB	SATA 6.0Gb/s	128	SSD	-	5.03.01.2	2.5"	OK 2013/04/09
X110	64GB	SATA 6.0Gb/s	64	SSD	-	5.03.01.2	2.5"	OK 2013/04/09



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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	5.02.02	3.5"	OK 2012/04/09 (*10)	
Barracuda	ST4000DM000	SATA 6.0Gb/s	4000	7200	64	5.03.01.2	3.5"	OK 2013/04/24 (*10)	
Barracuda	ST3000DM001	SATA 6.0Gb/s	3000	7200	64	5.01.05	3.5"	OK 2011/12/12	
Barracuda	ST2000DM001	SATA 6.0Gb/s	2000	7200	64	5.01.05	3.5"	OK 2011/12/12	
Barracuda	ST1500DM003	SATA 6.0Gb/s	1500	7200	64	5.03.00.7	3.5"	OK 2012/02/24	
Barracuda	ST1000DM003	SATA 6.0Gb/s	1000	7200	64	5.03.00.7	3.5"	OK 2012/02/24	
Barracuda	ST750DM003	SATA 6.0Gb/s	750	7200	64	5.03.00.7	3.5"	OK 2012/02/24	
Barracuda	ST500DM002	SATA 6.0Gb/s	500	7200	16	5.03.00.7	3.5"	OK 2012/02/24	
Barracuda	ST320DM000	SATA 6.0Gb/s	320	7200	16	5.03.00.7	3.5"	OK 2012/02/24	
Barracuda	ST250DM000	SATA 6.0Gb/s	250	7200	16	5.03.00.7	3.5"	OK 2012/02/24	
Barracuda Green	ST2000DL003	SATA 6.0Gb/s	2000	5900	64	5.01.04	3.5"	OK 2011/07/11	
Barracuda Green	ST1500DL003	SATA 6.0Gb/s	1500	5900	64	5.01.04	3.5"	OK 2011/07/11	
Barracuda LP	ST32000542AS	SATA 3.0Gb/s	2000	5900	32	3.01.01	3.5"	OK 2010/05/31	
Barracuda LP	ST31500541AS	SATA 3.0Gb/s	1500	5900	32	3.01.01	3.5"	OK 2010/05/31	
Barracuda LP	ST31000520AS	SATA 3.0Gb/s	1000	5900	32	3.01.01	3.5"	OK 2010/05/31	
Barracuda 7200.12	ST31000524AS	SATA 6.0Gb/s	1000	7200	32	5.01.04	3.5"	OK 2011/06/29	
Barracuda 7200.12	ST3500413AS	SATA 6.0Gb/s	500	7200	16	5.01.04	3.5"	OK 2011/06/29	
Barracuda 7200.12	ST500DM002	SATA 6.0Gb/s	500	7200	16	5.01.05	3.5"	OK 2011/10/27	
Barracuda 7200.12	ST31000528AS	SATA 3.0Gb/s	1000	7200	32	2.01.09	3.5"	OK 2009/05/22	
Barracuda 7200.12	ST3750528AS	SATA 3.0Gb/s	750	7200	32	2.01.09	3.5"	OK 2009/05/22	
Barracuda 7200.12	ST3500418AS	SATA 3.0Gb/s	500	7200	16	2.01.09	3.5"	OK 2009/05/22	
Barracuda 7200.12	ST3500410AS	SATA 3.0Gb/s	500	7200	16	2.01.09	3.5"	OK 2009/05/22	
Barracuda 7200.12	ST3320418AS	SATA 3.0Gb/s	320	7200	16	2.01.09	3.5"	OK 2009/05/22	
Barracuda 7200.12	ST3250318AS	SATA 3.0Gb/s	250	7200	8	2.01.09	3.5"	OK 2009/05/22	
Barracuda 7200.12	ST3160318AS	SATA 3.0Gb/s	160	7200	8	2.01.09	3.5"	OK 2009/05/22	
Barracuda 7200.11	ST31500341AS	SATA 3.0Gb/s	1500	7200	32	2.01.07	3.5"	OK 2008/12/19	
Barracuda 7200.11	ST31000340AS	SATA 3.0 Gb/s	1000	7200	32	2.01.04	3.5"	OK 2008/11/17	
Barracuda 7200.11	ST31000333AS	SATA 3.0 Gb/s	1000	7200	32	2.01.04	3.5"	OK 2008/11/17	
Barracuda 7200.11	ST3750330AS	SATA 3.0 Gb/s	750	7200	32	2.01.04	3.5"	OK 2008/11/17	
Barracuda 7200.11	ST3640323AS	SATA 3.0 Gb/s	640	7200	32	2.01.04	3.5"	OK 2008/11/17	
Barracuda 7200.11	ST3500320AS	SATA 3.0 Gb/s	500	7200	32	2.01.04	3.5"	OK 2008/11/17	



# N4100PRO HDD/SSD Compatibilit List

Barracuda 7200.11	ST3320613AS	SATA 3.0 Gb/s	320	7200	16	2.01.04	3.5"	OK 2008/11/17
Barracuda 7200.10	ST3750640AS	SATA 3.0Gb/s	750	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda 7200.10	ST3500630AS	SATA 3.0Gb/s	500	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda 7200.10	ST3400620AS	SATA 3.0Gb/s	400	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda 7200.10	ST3320620AS	SATA 3.0Gb/s	320	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda 7200.10	ST3250620AS	SATA 3.0Gb/s	250	7200	16	2.01.04	3.5"	OK 2008/11/10
Barracuda 7200.10	ST3250410AS	SATA 3.0Gb/s	250	7200	16	2.01.04	3.5"	OK 2008/11/10
Video HDD	ST4000VM000	SATA 6.0Gb/s	4000	5900	64	5.03.01.2	3.5"	OK 2013/05/17 (*10)
Video HDD	ST3000VM002	SATA 6.0Gb/s	3000	5900	64	5.03.01.2	3.5"	OK 2014/05/26
Video HDD	ST2000VM003	SATA 6.0Gb/s	2000	5900	64	5.03.01.2	3.5"	OK 2014/05/26
Video HDD	ST1000VM002	SATA 6.0Gb/s	1000	5900	64	5.03.02.2	3.5"	OK 2014/04/15
NAS HDD	ST4000VN000	SATA 6.0Gb/s	4000	5900	64	5.03.01.2	3.5"	OK 2013/05/27 (*10)
NAS HDD	ST3000VN000	SATA 6.0Gb/s	3000	5900	64	5.03.01.2	3.5"	OK 2013/05/27 2014/05/26
NAS HDD	ST2000VN000	SATA 6.0Gb/s	2000	5900	64	5.03.01.2	3.5"	OK 2013/05/27 2014/05/26

## 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	5.00.02	3.5"	OK 2011/08/03
SpinPoint F1	HD103UJ	SATA 3.0Gb/s	1000	7200	32	2.01.09	3.5"	OK 2009/05/22

## 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	5.03.01	3.5"	OK 2012/09/19
DT01ACA Series	DT01ACA200	SATA 6.0Gb/s	2000	7200	64	5.03.01	3.5"	OK 2012/09/19
DT01ACA Series	DT01ACA100	SATA 6.0Gb/s	1000	7200	32	5.03.01	3.5"	OK 2012/09/19
DT01ACA Series	DT01ACA050	SATA 6.0Gb/s	500	7200	32	5.03.01	3.5"	OK 2012/09/19
-	MD03ACA400V	SATA 6.0Gb/s	4000	7200	64	5.03.02.2	3.5"	OK 2014/04/15 (*10)
-	MD03ACA300V	SATA 6.0Gb/s	3000	7200	64	5.03.02.2	3.5"	OK 2014/04/15
-	MD03ACA200V	SATA 6.0Gb/s	2000	7200	64	5.03.02.2	3.5"	OK 2014/04/15
-	MD03ACA100V	SATA 6.0Gb/s	1000	7200	64	5.03.02.2	3.5"	OK 2014/04/15





# N4100PRO HDD/SSD Compatibilit List

## 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	-	5.03.01.2	2.5"	OK 2013/06/25
THNSHxxxGCST	THNSNH256GCST	SATA 6.0Gb/s	256	SSD	-	5.03.01.2	2.5"	OK 2013/06/25
THNSHxxxGCST	THNSNH128GCST	SATA 6.0Gb/s	128	SSD	-	5.03.01.2	2.5"	OK 2013/06/25
THNSHxxxGCST	THNSNH60GCST	SATA 6.0Gb/s	60	SSD	-	5.03.01.2	2.5"	OK 2013/06/25

## 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	64MB	5.03.02.2	3.5"	OK 2014/04/15 (*10)
WD Purple	WD30PURX	SATA 6.0Gb/s	3000	IntelliPower	64MB	5.03.02.2	3.5"	OK 2014/04/15
WD Purple	WD20PURX	SATA 6.0Gb/s	2000	IntelliPower	64MB	5.03.02.2	3.5"	OK 2014/04/15
WD Purple	WD10PURX	SATA 6.0Gb/s	1000	IntelliPower	64MB	5.03.02.2	3.5"	OK 2014/04/15
WD Red	WD40EFRX	SATA 6.0Gb/s	4000	IntelliPower™	64	5.03.01.2	3.5"	OK 2013/09/03
WD Red	WD30EFRX	SATA 6.0Gb/s	3000	IntelliPower™	64	5.02.02	3.5"	OK 2013/08/08
WD Red	WD20EFRX	SATA 6.0Gb/s	2000	IntelliPower™	64	5.02.02	3.5"	OK 2013/08/08
WD Red	WD10EFRX	SATA 6.0Gb/s	1000	IntelliPower™	64	5.02.02	3.5"	OK 2013/08/08
WD Red	WD10JFCX	SATA 6.0Gb/s	1000	IntelliPower™	16	5.03.01.2	2.5"	OK 2013/09/03
WD Red	WD7500BFCX	SATA 6.0Gb/s	750	IntelliPower™	16	5.03.01.2	2.5"	OK 2013/09/03
WD Black	WD2002FAEX	SATA 6.0Gb/s	2000	7200	64	5.00.02	3.5"	OK 2012/04/09(*8)
WD Black	WD1502FAEX	SATA 6.0Gb/s	1500	7200	64	5.01.04	3.5"	OK 2011/06/29 (*8)
WD Black	WD1002FAEX	SATA 6.0Gb/s	1000	7200	64	5.00.02	3.5"	OK 2012/04/09(*8)
WD Blue	WD10EALX	SATA 6.0Gb/s	1000	7200	32	3.04.03	3.5"	OK 2010/12/10 (*8)
WD Blue	WD10EALS	SATA 3.0Gb/s	1000	7200	32	3.04.03	3.5"	OK 2010/09/02 (*8)
WD Blue	WD5000KS	SATA 3.0Gb/s	500	7200	16	2.01.04	3.5"	OK 2008/11/10 (*8)
WD Blue	WD4000KS	SATA 3.0Gb/s	400	7200	16	2.01.04	3.5"	OK 2008/11/10 (*8)
WD Blue	WD10JPVT	SATA 3.0Gb/s	1000	5400	8	5.03.01.2	2.5"	OK 2013/06/25
WD Blue	WD7500BPVT	SATA 3.0Gb/s	750	5400	8	5.03.01.2	2.5"	OK 2013/06/25
WD Blue	WD5000LPVT	SATA 3.0Gb/s	500	5400	8	5.03.01.2	2.5"	OK 2013/06/25
WD Blue	WD5000BPVT	SATA 3.0Gb/s	500	5400	8	5.03.01.2	2.5"	OK 2013/06/25
WD Blue	WD3200LPVT	SATA 3.0Gb/s	320	5400	8	5.03.01.2	2.5"	OK 2013/06/25
WD Blue	WD3200BPVT	SATA 3.0Gb/s	320	5400	8	5.03.01.2	2.5"	OK 2013/06/25
WD Blue	WD2500LPVT	SATA 3.0Gb/s	250	5400	8	5.03.01.2	2.5"	OK 2013/06/25



## N4100PRO HDD/SSD Compatibilit List

WD Blue	WD2500BPVT	SATA 3.0Gb/s	250	5400	8	5.03.01.2	2.5"	OK 2013/06/25
WD Green	WD30EZRX	SATA 6.0Gb/s	3000	IntelliPower™	64	5.02.02	3.5"	OK 2012/05/02 (*8)
WD Green	WD25EZRX	SATA 6.0Gb/s	2500	IntelliPower™	64	5.02.02	3.5"	OK 2012/05/02 (*8)
WD Green	WD10EZRX	SATA 6.0Gb/s	1000	IntelliPower™	64	5.02.02	3.5"	OK 2012/05/02 (*8)
WD Green	WD20EADS	SATA 3.0Gb/s	2000	IntelliPower™	32	2.01.07	3.5"	OK 2009/05/13 (*8)
WD Green	WD15EADS	SATA 3.0Gb/s	1500	IntelliPower™	32	2.01.07	3.5"	OK 2009/05/13 (*8)
WD Green	WD10EADS	SATA 3.0Gb/s	1000	IntelliPower™	32	2.01.07	3.5"	OK 2009/05/13 (*8)
WD Caviar SE	WD1600AAJS	SATA 3.0Gb/s	160	7200	8	2.01.04	3.5"	OK 2008/11/10 (*8)
WD AV-25	WD10JUCT	SATA 3.0Gb/s	1000	5400	16	5.03.01.2	2.5"	OK 2013/06/25
WD AV-25	WD5000LUCT	SATA 3.0Gb/s	500	5400	16	5.03.01.2	2.5"	OK 2013/06/25
WD AV-25	WD5000BUCT	SATA 3.0Gb/s	500	5400	16	5.03.01.2	2.5"	OK 2013/06/25
WD AV-25	WD3200BUCT	SATA 3.0Gb/s	320	5400	16	5.03.01.2	2.5"	OK 2013/06/25
WD AV-25	WD2500BUCT	SATA 3.0Gb/s	250	5400	16	5.03.01.2	2.5"	OK 2013/06/25
WD AV-25	WD1600BUCT	SATA 3.0Gb/s	160	5400	16	5.03.01.2	2.5"	OK 2013/06/25



## N4100PRO HDD/SSD Compatibilit List

Not recppmended	
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	WD6402AAEX	SATA 6.0Gb/s	640	7200	64	-	3.5"	Not Recommend (*9)	
WD Black	WD2001FASS	SATA 3.0Gb/s	2000	7200	64	-	3.5"	Not Recommend (*9)	
WD Blue	WD7500AALX	SATA 6.0Gb/s	750	7200	32	-	3.5"	Not Recommend (*9)	
WD Blue	WD5000AAKX	SATA 6.0Gb/s	500	7200	16	-	3.5"	Not Recommend (*9)	
WD Green	WD20EARS	SATA 3.0Gb/s	2000	IntelliPower™	64	-	3.5"	Not Recommend (*9)	
WD Green	WD15EARS	SATA 3.0Gb/s	1500	IntelliPower™	64	-	3.5"	Not Recommend (*9)	
WD Green	WD10EARS	SATA 3.0Gb/s	1000	IntelliPower™	64	-	3.5"	Not Recommend (*9)	
AV-GP	WD20EVDS	SATA 3.0Gb/s	2000	IntelliPower™	32	-	3.5"	Not Recommend (*9)	



# N4100PRO 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>
  - Samsung CCTL  
[http://www.samsung.com/global/business/hdd/learningresource/whitepapers/LearningResource\\_CCTL.html](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](http://esupport.thecus.com/support/index.php?_m=knowledgebase&_a=viewarticle&kbarticleid=136)
7. The EXT4 and XFS File System has a limitation of 16TB per volume.
8. **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)
9. 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)
10. Due to space limitation, recommend to use up to 3 x HDD
11. For Seagate ST3000DM001, ST2000DM001, ST1500DM003 & ST1000DM003 series with part number 9YN16x, please confirm the HDD firmware been updated or check from following link.  
[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_)