

Promise[®] SmartStor NS4300N SR5

Compatibility List V2.0

Date: 02/24/2009

Document History:

- V1.0: 1. First release (Based on SR4 FW; SR5 FW had a little bit minor changes)
2. Based on SR4 Compatibility List, add some new devices as below
(highlighted using blue-color in SR5 Compatibility List V1.0)
 - ◆ SATA Hard Drives 14Q'ty
 - ◆ USB Hard Drives 4Q'ty

Compatibility list included versions in this build are:

Firmware: 01.05.0000.07

SmartNAVI Utility: 1.1.0.14

1. Host systems (Ethernet ASIC on board)

NO.	Vendor	Model	North Bridges/ South Bridges	MB BIOS	Ethernet Chipset
1	Dell	PowerEdge 1800	Intel E7520	Dell A06	Broadcom [®] Gigabit2 NIC
2	Dell	PowerEdge 800	Intel 7221/ FW 82801FB	Dell A01	Broadcom [®] 5721
3	Dell	PowerEdge SC1420	Intel E7520	Dell A01	Intel [®] 82545GM
4	GIGABYTE	GA-4MSXV	Intel [®] E7230/ FW 82801GR	Phoenix F2	Intel [®] 82573V
5	GIGABYTE	GA-7A8DRH	AMD 8131/ AMD 8111	Phoenix GA-7A8DR-H1- F9	Intel [®] 82545GM
6	HP	ProLiant ML110	Intel E7220/ FW 82801FR	Phoenix V1.10	Intel [®] 82541
7	HP	ProLiant ML350	Intel E7520/ FW 82801DB	ProLiant System D17	Broadcom [®] 5705
8	IBM	xSeries 206M	Intel E7230/ FW 82801GR	IBM V1.29	Broadcom [®] 5721
9	IBM	xSeries 226	Intel E7505/ FW 82801ER	IBM V1.52	Broadcom [®] 5721
10	Intel	SE7501CW2	Intel E7501/ FW 82801CA	Phoenix 09/08/04	Intel [®] 82540EM
11	Intel	SE7520AF2	Intel E7520/ FW 82801ER	AMI V:08.00.10	Intel [®] 82546GB
12	MSI	K8D MASTER3	AMD 8131/ AMD 8111	Phoenix Rev:2.50	Broadcom [®] BCM5704
13	TYAN	S2885	AMD 8131/ AMD 8111	AMI 08.00.10	Broadcom [®] BCM5703C
14	TYAN	S3022	Intel E7501/ FW 82801CA	AMI V:08.00.07	Intel [®] 82545EM

2. SATA Hard Drives

No.	Vendor	Model	Family	Capacity	Firmware	Transfer Rate	Buffer	Form Factor	NCQ/TCQ
H06	HITACHI	HDT725050VLA360	T7K500	500GB	K2AOA10C		16MB	3.5"	NCQ
H07	HITACHI	HDS721010KLA330	DeskStar 7K1000	1TB	GKAOA51D	3Gb	32MB	3.5"	NCQ
H08	HITACHI	HD721075KLA330	T7K1000	750GB	GK80A70F	3Gb	32MB	3.5"	NCQ
H09	HITACHI	HDS721010KLA330	T7K1000	1TB	GKAOAS1D	3Gb	32MB	3.5"	NCQ
H10	HITACHI	HDS721075KLA330	Deskstar 7k1000	750GB	GK80A70F	3Gb	32MB	3.5"	NCQ
H12	HITACHI	HDS725050KLA360	Deskstar 7K500	500GB	K2AOAD1A	3Gb	16MB	3.5"	NCQ
H13	HITACHI	HDP725025GLA380	Deskstar 7K500	250GB	GM20A52A	3Gb	8MB	3.5"	NCQ
H14	HITACHI	HDP725032GLA360	Deskstar P7K500	320GB	GM30A52A	3Gb	16MB	3.5"	NCQ
H15	HITACHI	HDP725040GLA360	Deskstar P7K500	400GB	GMDOA50E	3Gb	16MB	3.5"	NCQ
H18	HITACHI	HUA721050KLA330	Ultrastar A7K1000	500GB	GK60A70M	3Gb	32MB	3.5"	NCQ
H19	HITACHI	HUA721075KLA330	Ultrastar A7K1000	750GB	GK80A70M	3Gb	32MB	3.5"	NCQ
H20	HITACHI	HDP725025GLA380	Deskstar P7K500	250GB	GM20A52A	3Gb	8MB	3.5"	NCQ
H21	HITACHI	HDP725050GLA360	Deskstar P7K500	500GB	GM40A50E	3Gb	16MB	3.5"	NCQ
H22	HITACHI	HUA721010KLA330	Ultrastar A7K1000	1TB	GKAOAB0A	3Gb	32MB	3.5"	NCQ
H23	HITACHI	HCP725016GLA380	CinemaStar P7K500	160GB	GMBOA5CA	3Gb	8MB	3.5"	NCQ
H24	HITACHI	HCP725025GLA380	CinemaStar P7K500	250GB	P21OABEA	3Gb	8MB	3.5"	NCQ
Sam11	SAMSUNG	HD502IJ	Spinpoint F1R	500GB	1AA01113	3Gb	16MB	3.5"	NCQ
Sam12	SAMSUNG	HD642JJ	Spinpoint F1R	640GB	1AA01113	3Gb	16MB	3.5"	NCQ
Sam13	SAMSUNG	HD753LJ	Spinpoint F1R	750GB	1AA01113	3Gb	32MB	3.5"	NCQ
Sam14	SAMSUNG	HE103UJ	Spinpoint F1R	1TB	1AA01111	3Gb	32MB	3.5"	NCQ
S11	SEAGATE	ST3750640NS	Barracuda ES	750GB	3.AEE	3Gb	16MB	3.5"	NCQ
S13	SEAGATE	ST31000340NS	Barracuda ES.2	1TB	SN06	3Gb	32MB	3.5"	NCQ
S17	SEAGATE	ST3250620NS	Barracuda ES	250GB	3.AEG	3Gb	16MB	3.5"	NCQ
S19	SEAGATE	ST3320620NS	Barracuda ES	320GB	3.AEG	3Gb	16MB	3.5"	NCQ
S28	SEAGATE	ST3250310NS	Barracuda ES.2	250GB	SN06	3Gb	32MB	3.5"	NCQ
S32	SEAGATE	ST3750330NS	Barracuda ES2	750GB	SN06	3Gb	16MB	3.5"	NCQ
W08	WDC	WD1600AAJS	Caviar SE	160GB	05.06H05	3Gb	8MB	3.5"	NCQ
W10	WDC	WD2500AAJS	Caviar SE	250GB	12.01B01	3Gb	8MB	3.5"	NCQ
W12	WDC	WD3200AAJS	Caviar SE	320GB	12.01B01	3Gb	8MB	3.5"	NCQ
W13	WDC	WD3200AAKS	Caviar SE16	320GB	30.04G30	3Gb	16MB	3.5"	NCQ
W14	WDC	WD4000AAKS	Caviar SE16	400GB	12.01C01	3Gb	16MB	3.5"	NCQ
W16	WDC	WD5000ABYS	RE2	500GB	12.01C01	3Gb	16MB	3.5"	NCQ
W17	WDC	WD7500AAKS	Caviar SE16	750GB	30.04G30	3Gb	16MB	3.5"	NCQ
W18	WDC	WD7500AYYS	RE2	750GB	30.04G30	3Gb	16MB	3.5"	NCQ
W19	WDC	WD800AAJS	WD Caviar SE	80GB	05.06H05	3Gb	8MB	3.5"	NCQ
W20	WDC	WD10EACS	WD Caviar SE	1TB	01.01B01	3Gb	16MB	3.5"	NCQ
W21	WDC	WD1500ADFD	WD Raptor	150GB	21.07QR5	3Gb	16MB	3.5"	
W22	WDC	WD5000AAJS	WD Caviar	500GB	12.01C01	3Gb	8MB	3.5"	NCQ
W23	WDC	WD1000FYPS	WD RE2-GP	1TB	02.01B01	3Gb	16MB	3.5"	NCQ
W24	WDC	WD3201ABYS	WD RE2	320GB	13.01C02	3Gb	16MB	3.5"	NCQ
W25	WDC	WD4000AAJS	Caviar SE	400GB	12.01C02	3Gb	8MB	3.5"	NCQ
W26	WDC	WD5000ABPS	WD RE2-GP	500GB	02.01B01	3Gb	16MB	3.5"	NCQ
W27	WDC	WD5001ABYS	Caviar RE2	500GB	59.01D01	3Gb	16MB	3.5"	NCQ
W28	WDC	WD6400AAKS	Caviar SE16	640GB	01.03B01	3Gb	16MB	3.5"	NCQ
W29	WDC	WD7500AACS	WD Caviar GP	750GB	01.01B01	3Gb	16MB	3.5"	NCQ
W30	WDC	WD1601ABYS	WD RE2	160GB	06.06H05	3Gb	16MB	3.5"	NCQ
W31	WDC	WD2502ABYS	WD RE2	250GB	02.02A02	3Gb	16MB	3.5"	NCQ
W32	WDC	WD4000ABYS	WD RE2	400GB	12.01C01	3Gb	16MB	3.5"	NCQ

W33	WDC	WD5000AACS	WD Caviar GP	500GB	01.01B01	3Gb	16MB	3.5"	NCQ
W34	WDC	WD5000AAJS	WD Caviar SE	500GB	12.01C01	3Gb	8MB	3.5"	NCQ
W35	WDC	WD7500AYPS	RE2-GP	750GB	02.01B01	3Gb	16MB	3.5"	NCQ
W36	WDC	WD1001FALS	WD Caviar Black	1TB	05.00K05	3Gb	32MB	3.5"	NCQ
W37	WDC	WD10EVVS	WD AV-GP	1TB	01.01A01	3Gb	8MB	3.5"	NCQ
W38	WDC	WD5002ABYS	WD RE3	500GB	02.03B02	3Gb	16MB	3.5"	NCQ
W39	WDC	WD7501AALS	WD Caviar Black	750GB	05.00K05	3Gb	32MB	3.5"	NCQ

*****RED** - Use SN06 (or higher) Firmware on these drives ONLY. To obtain SN06 Firmware, please visit the Seagate Technical Support Website, contact your Seagate OEM FAE, contact your Seagate Channel FAE or Seagate Technical Support".

3. Ethernet Initiators

NO.	Vendor	Model	Chipset Number	Data Transfer Rate
1	Accton	EN1207F-TX	MPX Accton EN5251BE	10/100Mbps
2	ASUS	PCI-L101	IntelSB82558B	10/100Mbps
3	BUFFALO	LGY-PCI-TXL	MX98715AEC	10/100Mbps
4	CNet	Pro-200WL	DM9102AF	10/100Mbps
5	CNet	ProG-2000L	RTL8169	10/100/1000Mbps
6	D-Link	DFE-530TX	DL10030A	10/100Mbps
7	D-Link	DFE-530TX	DL10030	10/100Mbps
8	D-Link	DFE-550TX	DL10050C	10/100Mbps
9	Intel	PRO/1000MT Desktop Adapter	IntelRC82540EM	10/100/1000Mbps
10	Intel	PRO/1000MT Server Adapter	IntelRC82545GM	10/100/1000Mbps
11	Intel	PRO/1000T Server Adapter	Intel TL82543GC	10/100/1000Mbps
12	Micronet	T1	RTL8139D	10/100Mbps
13	MPX	EN1207D-TX	MPXEN5038	10/100Mbps
14	PLANEX	FW-100TX	RTL8139C	10/100Mbps
15	SUNIX	LAN1400	Mavell 88E8056-NNC1	10/100/1000Mbps
16	ASUS	NX1101	IC Plus IP1000A	10/100/1000Mbps
17	INTEL	EXPI9300PT	Intel 82572GI	10/100/1000Mbps
18	INTEL	PWLA8391GT	Intel 82541PI	10/100/1000Mbps
19	D-Link	DGE-530T	Mavell 88E8001-LKJ1	10/100/1000Mbps
20	Corega	CG-LAPCIGT2	Realtek RTL8169S-32	10/100/1000Mbps
21	ZyXEL	GN-680-T	RTL 8169S-32	10/100/1000Mbps
22	PLANEX	GN-1200TW	RTL 8169S-32	10/100/1000Mbps
23	Broadcom	NetXtreme® Desktops	BCM5721A211	10/100/1000Mbps
24	INTEL	PRO/1000PT Dual Port Server Adapter	D33682	10/100/1000Mbps
25	Broadcom	TOE PCI Express®	BCM5708A0804F	10/100/1000Mbps
26	INTEL	PRO/1000 PT Quad Port Server Adapter (EXPI9404PTBLK)	Intel 82571GB	10/100/1000Mbps
27	SMC	SMC9452TX	Realtek TL8169SC	10/100/1000Mbps

4. Ethernet Switches / HUBs

NO.	Vendor	Model	Port Count	Speed
1	Accton	EH3016A-SW	16	10/100M
2	Accton	ES3024C	24	10/100M
3	Cisco System	Catalyst 3500	48	10/100M
4	D-Link	DES-1005D	5	10/100M
5	D-Link	D1-707P	7	10/100M
6	D-Link	DGS-1008D	8	10/100/1000M
7	D-Link	DES-1016D	16	10/100M
8	D-Link	DGS-3024	24	10/100/1000M
9	SMC	EZ6516TX	16	10/100M
10	Zyxel	GS-2024	24	10/100/1000M
11	3com	4200g	12 Port	10/100/1000M
12	HP	Procurve	24 Port	10/100/1000M
13	Cisco	Catalyst 2960G	8 Port	10/100/1000M
14	D-Link	DGS-1248T	44 Port	10/100/1000M

5. USB Printers

NO.	Vendor	Model
1	XEROX	Phaser 3121
2	SAMSUNG	CLP-510
3	SAMSUNG	ML-1520 Series
4	HP	LaserJet 1200 series
5	HP	LaserJet 2300
6	HP	LaserJet 3380
7	HP	LaserJet 1010
6	HP	LaserJet 3015 PCL 5e
7	HP	LaserJet 2300 Series PCL 6
8	EPSON	5900L
9	EPSON	EPL-6200L
10	EPSON	STYLUS COLOR 1160
11	EPSON	C65
12	EPSON	C43UX

6. APC[®] UPS

Vendor	Model	FW	Note
APC	Smart-UPS 750	615.3.D	

7. USB Hard Drives

No.	Vendor	Model	Capacity
1	BUFFALO	HD-HB80U2	80GB
2	ExBoot	EXB-0121-80	80GB
3	FUJITSU	MHS2040AT D	40GB
4	Maxtor	OneTouch II	300GB
5	Seagate	ST940801U2-RK	40GB
6	Seagate	ST307504FPM103-RK	750GB
7	Seagate	ST310005FPM103-RK	1TB
8	Sunplus	HDS728080P	80GB
9	TOSHIBA	HDMK4032GAX-EXS	40GB
10	TOSHIBA	HDMK2006GAL-EXS	20GB
11	Transcend	TS30GSJ18	30GB
12	USB2.0 Storage Drive	USB2.0 Storage Drive	40GB
13	WDC	WD10000H1U-00	1TB
14	WDC	WDH1CS7500S	750GB
15	WDC	WDH1CS10000	1TB
16	Acer	EH32S.L30	320GB

8. Operating System

In addition, the browsers listed below will be tested:

● Microsoft® Windows Series

- Windows 2000 Professional with Service Pack 4 (English)
- Windows 2000 Server with Service Pack 4 (English)
- Windows XP Profession with Service Pack 2 (English)
- Windows XP Professional with Service Pack 3 x86 (English)
- Windows XP Home Service Pack 2 (English)
- Windows XP Home Edition with Service Pack 3 x86 (English)
- Windows Server 2003 Enterprise Edition with R2 (English)
- Windows Server 2003 Standard Edition with R2 (English)
- Windows XP Profession x64 with Service Pack 1 (English)
- Windows Server 2003 Enterprise x64 Edition with Service Pack 1 (English)
- Windows Server 2003 Enterprise x64 Edition with Service Pack 1 (English)
- Windows Server 2003 Enterprise x64 Edition with Service Pack 1 (English)
- Windows Vista Enterprise x86 (English)
- Windows Vista Enterprise x64 (English)
- Windows Vista Business (English) (32bit)

- Windows Vista Home Basic (English) (32bit)
- Windows Vista Home Basic with Service Pack 1 (x86) (English)
- Windows Vista Home Premium with Service Pack 1 (x86) (English)
- Windows Vista Business with Service Pack 1 (x86) (English)
- Windows Vista Enterprise with Service Pack 1 (x86) (English)
- Windows Vista Ultimate with Service Pack 1 (x86) (English)
- Windows Vista with Service Pack 1 (AMD64/Intel EM64T) (English)
- Windows Server 2008 (English) (32bit)
- Windows Server 2008 (English) (64bit)

● **RedHat® Linux Series**

- RedHat® Enterprise Linux 4 Update 4
- RedHat® Enterprise Linux 4 Update 4 (AMD64/Intel EM64T)
- RedHat® Enterprise Linux 3 Update 8
- RedHat® Enterprise Linux 3 Update 8 (AMD64/Intel EM64T)
- RedHat® Enterprise Linux 5.0 (AMD64/Intel EM64T)
- RedHat® Enterprise Linux 5.0 (X86)
- RedHat® Enterprise Linux 5.2 (AMD64/Intel EM64T)
- RedHat® Enterprise Linux 5.2 (X86)
- RedHat® FedoraCore7 (AMD64/Intel EM64T)
- RedHat® FedoraCore7(X86)
- RedHat® FedoraCore9 (AMD64/Intel EM64T)
- RedHat® FedoraCore9(X86)

● **Novell® SuSE Linux Series**

- SuSE Linux Professional (x86)
- SuSE Linux Professional (AMD64/Intel EM64T)
- SuSE Linux Enterprise Server 10 (x86)
- SuSE Linux Enterprise Server 10 (AMD64/Intel EM64T)
- SuSE Linux Enterprise Server 10 with SP2 (x86)
- SuSE Linux Enterprise Server 10 with SP2 (AMD64/Intel EM64T)
- Open SuSE Linux Professional 10.3 (x86)
- Open SuSE Linux Professional 10.3 (AMD64/Intel EM64T)

● **Apple® MAC System**

- Mac OS X v10.3 Tiger
- Mac OS X v10.4
- Mac OS X v10.5

9. Web Browsers

- Internet Explorer 6 with Service Pack 2 (Version:6.0.2900.2180)
- Internet Explorer 7 with Vista (Version:7.0.6000.16386)
- Internet Explorer 7 with Windows2008 (Version:7.0.6001.18000)
- Mozilla (Version:1.7.13)
- Firefox (Version:2.0)
- Netscape Navigator (Version:7.02)
- Safari for Mac OS X system (Version:1.3.2)

- Safari for Mac OS X v10.4 system (Version:2.0.4)
- Safari for Mac OS X v10.5 system (Version:3.0.4)

10. Unicode Compatibility

OS Type	OS Language	Share folder Language				
		English name: test	TC name: 測試	SC name: 服务器	JP name: 検索します	Spanish: Música
Windows 2000	Simplified Chinese	Pass	Pass	Pass	Pass	Pass
Windows XP	Traditional Chinese	Pass	Pass	Pass	Pass	Pass
Windows 2003	English	Pass	Pass	Pass	Pass	Pass
Vista	English	Pass	Pass	Pass	Pass	Pass
OS Type	OS Language	Share folder Language				
		German: Träne	Italian: voci piu'	French: élection	Russian: человека	Korean: 부달 뚜렛
Windows 2000	Simplified Chinese	Pass	Pass	Pass	Pass	Pass
Windows XP	Traditional Chinese	Pass	Pass	Pass	Pass	Pass
Windows 2003	English	Pass	Pass	Pass	Pass	Pass
Vista	English	Pass	Pass	Pass	Pass	Pass