

DSN-4000 Series Compatibility List

SATA Drive

| Vendor | Family | Model | Capacity | Firmware | Buffer | Transfer Rate | Form Factor |
|---------|-----------------------------|-----------------|----------|-----------|--------|---------------|-------------|
| Hitachi | Ultrastar A7K2000 | HUA722020ALA330 | 2TB | JKAOA3EA | 32MB | 3Gb/s | 3.5" |
| | Ultrastar 7K3000 | HUA723020ALA640 | 2TB | MK7OA5C0 | 64MB | 6Gb/s | 3.5" |
| Seagate | Constellation ES | ST32000644NS | 2TB | SN12 | 64MB | 3Gb/s | 3.5" |
| | | ST2000NM0011 | 2TB | SN02 | 64MB | 6Gb/s | 3.5" |
| | Enterprise Capacity 3.5 HDD | ST2000NM0033 | 2TB | SN04 | 128MB | 6Gb/s | 3.5" |
| | | ST2000NM0034 | 2TB | E001 | 128MB | 6Gb/s | 3.5" |
| | | ST2000NM0024 | 2TB | SN02 | 128MB | 6Gb/s | 3.5" |
| WD | WD RE4 | WD2003FYYS | 2TB | 01.01D02 | 64MB | 3Gb/s | 3.5" |
| | WD Caviar Green | WD10EARS | 1TB | 80.00.A80 | 64MB | 3Gb/s | 3.5" |
| | | WD15EARS | 1.5TB | 80.00.A80 | 64MB | 3Gb/s | 3.5" |
| | | WD20EARS | 2TB | 80.00.A80 | 64MB | 3Gb/s | 3.5" |
| | WD AV-GP | WD20EURS | 2TB | 51.0AB51 | 64MB | 3Gb/s | 3.5" |
| | WD RE | WD1003FBYX | 1TB | 01.01V02 | 64MB | 3Gb/s | 3.5" |
| | WD Se | WD2000F9YZ | 2TB | 01.01A02 | 64MB | 6Gb/s | 3.5" |

SAS Drive

| Vendor | Family | Model | Capacity | Firmware | Buffer | Transfer Rate | Form Factor |
|---------|--------------------|-----------------|----------|----------|--------|---------------|-------------|
| Hitachi | Ultrastar 15K450 | HUS154545VLS300 | 450GB | A570 | 16MB | 3Gb/s | 3.5" |
| | Ultrastar 15K600 | HUS156060VLS600 | 600GB | A5D0 | 64MB | 6Gb/s | 3.5" |
| | | HUS156045VLS600 | 450GB | A392 | 64MB | 6Gb/s | 3.5" |
| Seagate | Constellation ES | ST32000444SS | 2TB | 0006 | 16MB | 6Gb/s | 3.5" |
| | | ST2000NM0001 | 2TB | 0001 | 64MB | 6Gb/s | 3.5" |
| | Constellation ES.2 | ST33000650SS | 3TB | 0002 | 64MB | 6Gb/s | 3.5" |
| | Cheetah 15K.7 | ST3600057SS | 600GB | 0005 | 16MB | 6Gb/s | 3.5" |
| | | ST3300657SS | 300GB | 0006 | 16MB | 6Gb/s | 3.5" |
| | Cheetah NS.2 | ST3450802SS | 450GB | 0004 | 16MB | 6Gb/s | 3.5" |
| | | ST3600002SS | 600GB | 0002 | 16MB | 6Gb/s | 3.5" |

✓ To support 3TB drive, please use the firmware version 2.9.2.9 or later.

iSCSI Host Bus Adapters

| Vendor | Model | BIOS/ FW | Win/ Linux Driver Ver. | Interface | port | TCP/ IP offload | iSCSI offload | iSCSI Initiator Type |
|--------|---------------|----------------------------|--------------------------------------|-----------|------|-----------------|---------------|----------------------|
| QLogic | QLA4050C | BIOS: 1.15 FW: 3.0.1.53 | 2.1.5.15/ 5.02.07.00.0 5.05-K0 | PCI-X | 1 | yes | yes | HW |
| | QLA40502 C | BIOS: 1.15 FW: 3.0.1.53 | 2.1.5.15/ 5.02.07.00.0 5.05-K0 | PCI-X | 2 | yes | yes | HW |
| | QLE4060C | BIOS: 1.15 FW: 3.0.1.53 | 2.1.5.15/ 5.02.07.00.0 5.05-K0 | PCI-X | 1 | yes | yes | HW |
| | QLE4053C | BIOS: 1.15 FW: 3.0.1.53 | 2.1.5.15/ 5.02.07.00.0 5.05-K0 | PCI-X | 2 | yes | yes | HW |

NIC Initiators List

| Vendor | HBA Model | Controller Model | Win/ Linux Driver Ver. | Interface | port | Data Rate |
|----------|---|--------------------------|-------------------------|-----------|------|-----------|
| Broadcom | BCM95708A0804F | Broadcom BCM5708C | 6.2.9.0 / 2.0.23b | PCIe 4x | 1 | 1Gb/s |
| | BCM95721A211 | Broadcom BCM5721 | 14.6.1.0 / 3.116J | PCIe 1x | 1 | 1Gb/s |
| Chelsio | S302E | Chelsio controller | 1.5.13.46 / 1.5.1.6 | PCIe 4x | 2 | 1Gb/s |
| DELL | BCM95709A0907G | Broadcom BCM5709C | 6.2.9.0 / 2.0.23b | PCIe 4x | 1 | 1Gb/s |
| D-Link | DGE-530T | Marvell 88E8001 | 11.22.3.3/ 10.88.3.3 | PCI | 1 | 1Gb/s |
| HP | NC382T PCI Express Dual Port Multifunction Gigabit Server Adapter | Broadcom BCM5709CC0KP BG | 6.2.9.0 / 2.0.23b | PCIe 4x | 2 | 1Gb/s |
| Intel | PRO/1000GT Desktop Adapter (PWLA8391GTBLK) | Intel 82541PI | 8.3.15.0 / 8.0.30 | PCI | 1 | 1Gb/s |
| | PRO/1000PT Dual Port Server Adapter (D33682) | Intel 82571GB | 9.14.180.0/ 1.4.4 | PCIe 2x | 2 | 1Gb/s |

| | | | | | |
|--|---------------|-----------------------|---------|---|-------|
| PRO/1000 PT Quad Port Server Adapter (EXPI9404PTBLK) | Intel 82571GB | 9.14.180.0/ 1.4.4 | PCIe 4x | 4 | 1Gb/s |
| Gigabit ET Dual Port Server Adapter(E1G42ET) | Intel 82576GB | 11.11.43.0/ 3.1.16 | PCIe 2x | 2 | 1Gb/s |
| Gigabit CT Desktop Adapter | Intel 82574L | 11.11.43.0/ 1.4.4 | PCIe 1x | 1 | 1Gb/s |
| Ethernet Server Adapter I340 –T4(E85683-001) | Intel 82580 | 11.11.44.0/ 3.1.16 | PCIe 2x | 4 | 1Gb/s |

Ethernet Switches

| Vendor | Model | Ports | Speed (Mbs) | User Configuration |
|--------|--------------------------|-------|-------------|--------------------|
| 3Com | 4200G | 12 | 10/100/1000 | Yes |
| | Baseline Switch 2824 | 24 | 10/100/1000 | No |
| Cisco | Catalyst 2960G-8TC-L | 8 | 10/100/1000 | Yes |
| D-Link | DGS-1008D | 8 | 10/100/1000 | No |
| | DGS-1248T | 48 | 10/100/1000 | Yes |
| | DGS-1224T | 24 | 10/100/1000 | Yes |
| HP | ProCurve Switch 1800-24G | 8 | 10/100/1000 | Yes |
| Planex | FXG-241RM | 24 | 10/100/1000 | No |
| ZyXEL | GS-2024 | 24 | 10/100/1000 | Yes |

Operating Systems

| Vendor | Core Platform | Type |
|-----------|--|---------|
| Microsoft | Windows 7 Ultimate | x86/x64 |
| | Windows Server 2003 Enterprise Edition R2 w/ SP2 | x86/x64 |
| | Windows Server 2008 Datacenter Edition w/ SP2 | x86/x64 |
| | Windows Server 2008 R2 Datacenter Edition | x64 |
| | Hyper-V Server 2008 R2 w/ SP1 | x64 |
| RedHat | Enterprise Linux 6.1 | x86/x64 |
| | Enterprise Linux 5.6 | x86/x64 |

| | | |
|--------|---|---------|
| | Enterprise Linux AS 4 Update 8 | x86/x64 |
| SUSX | LINUX Enterprise Server 10 w/SP4 x86/x64 | x86/x64 |
| | LINUX Enterprise Server 11 w/ SP1 x86/x64 | x86/x64 |
| CentOS | 5.5 | x86/x64 |
| Ubuntu | Server Edition 11.04 | x86/x64 |
| VMware | ESXi5 | |
| Citrix | Xen Server 5.6 Feature Pack 1 | |

Web Browsers

| Browsers |
|---|
| Internet Explorer 6 (Version: 6.0.3790.3959) |
| Internet Explorer 7 (Version: 7.0.5730.13) |
| Internet Explorer 8 (Version: 8.0.6001.18702) |
| Mozilla Firefox 3.6.13 |
| Netscape Navigator 9.0.0.6 |
| Opera 11.51 |