



Compatibility List

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This matrix references items that have been successfully tested with our DNS-1550-04 & DNS-1250-04 & DNS-1250-06 NAS solutions. For specific installation and update instructions, please reference the respective 3rd party documentation.

1. Enterprise SATA Hard Drives

Vendor	Family	Model	Capacity	Firmware	Buffer	Transfer-Rate	Form Factor	NCQ/TCQ
HITACHI	Ultrastar A7K2000	HUA722020ALA330	2TB	JKA0A20N	32MB	3.0Gbps	3.5"	NCQ
SAMSUNG	Spinpoint F1R	HE103UJ	1TB	1AA01111	32MB	3.0Gbps	3.5"	NCQ
SEAGATE	Constellation ES	ST32000644NS	2TB	SN11	64MB	3.0Gbps	3.5"	NCQ

⚠ In RAID storage system, we recommend user to use enterprise level hard drive, which has much better command timeout control and more reliable to vibration for critical application.

⚠ Some listed devices may go EOL. AVL listing does not imply market availability.

2. Desktop SATA Hard Drives

Vendor	Family	Model	Capacity	Firmware	Buffer	Transfer-Rate	Form Factor	NCQ/TCQ
HITACHI	Deskstar 7K1000.C	HDS721010CLA332	1TB	JP40A3EA	32MB	3.0Gbps	3.5"	NCQ
		HDS721010CLA332	1TB	JP40A39C	32MB	3.0Gbps	3.5"	NCQ
	Deskstar 7K2000	HDS722020ALA330	2TB	JKA0A228A	32MB	3.0Gbps	3.5"	NCQ
MAXTOR	DiamondMax 23	STM31000528AS	1TB	CC35	32MB	3.0Gbps	3.5"	NCQ
SEAGATE	Barracuda XT	ST32000641AS	2TB	CC12	64MB	6.0Gbps	3.5"	NCQ
	Barracuda 7200.11	ST31500341AS	1.5TB	CC1H	32MB	3.0Gbps	3.5"	NCQ
	Barracuda 7200.12	ST31000528AS	1TB	CC34	32MB	3.0Gbps	3.5"	NCQ
WDC	WD Caviar Green	WD20EADS	2TB	01.00A01	32MB	3.0Gbps	3.5"	NCQ
		WD10EADS	1TB	01.01A01	32MB	3.0Gbps	3.5"	NCQ
		WD15EADS	1.5TB	01.00A01	32MB	3.0Gbps	3.5"	NCQ
		WD30EZRS	3TB	80.00A80	32MB	3.0Gbps	3.5"	NCQ
	WD AV-GP	WD10EVVS	1TB	01.01A01	16MB	3.0Gbps	3.5"	NCQ
		WD10EVDS	1TB	01.01A01	32MB	3.0Gbps	3.5"	NCQ

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