

Cisco Small Business Smart Storage Approved Disk Drive List

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The *Cisco Small Business Smart Storage Approved Disk Drive List* provides recommendations for compatible hard drives, UPS, and external enclosure for use in the NSS322, NSS324, and NSS326 Series of Network Attached Storage (NAS) products. Cisco recommends using enterprise-class hard drives that are rated for 24 x 7 applications. If you are using an external USB or eSATA drive or enclosure that is not on the AVL list, you may be able to read and write to it but for complete feature support and long term data integrity, we recommend a drive or enclosure that has been fully tested and approved. For information about the product warranty, see the User Guide for your specific product.

For the latest version of this vendor list, see http://www.cisco.com/en/US/products/ps10817/prod_technical_reference_list.html

NOTE When using an individual eSATA drive with a capacity higher than 2.0 TB or if the total volume of the RAID array is higher than 16 TB, it is required to update the NSS to firmware version 1.5.0 prior to configuring with a 3.0 TB hard drive.

Recommended Drives (High Reliability Enterprise Drives)		
Manufacturer	Capacity	Model Number
Western Digital RE3	250 GB	WD2503ABYS
	500 GB	WD5003ABYS
	750 GB	WD7502ABYS
	1.0 TB	WD1003FBYS
Western Digital RE4	1.5 TB	WD1503FYYS
	2.0 TB	WD2003FYYS
Western Digital RE4 - GP	2.0 TB	WD2002FYPS

Recommended Drives (High Reliability Enterprise Drives)		
Manufacturer	Capacity	Model Number
Western Digital VelociRaptor	600GB	WD6000HLHX
Seagate Barracuda ES.2	250 GB 500 GB 1.0 TB	ST3250310NS ST3500320NS ST31000640SS
Seagate Constellation ES	500 GB 1.0 TB 2.0 TB	ST3500514NS ST31000524NS ST32000644NS

Compatible SSD Drives (High Reliability Consumer Products) ¹		
Manufacturer	Capacity	Model Number
Seagate Momentus XT	500 GB	ST95005620AS
Intel 320 Series	160 GB	SSDSA2CW160G3B5

1) The Network Smart Storage (NSS) GUI does not display the correct value for S.M.A.R.T. information from the SSD SATA drives. Other parameters such as drive idled or spin up are not applicable to the SSD SATA drive. Please contact the hard drive manufacturer to learn more about the SSD drive.

Compatible Drives (Mainstream Drives for Consumer Products)		
Manufacturer	Capacity	Model Number
Western Digital Caviar Blue	250 GB 500 GB 1.0 TB	WD2500AAJS / WD2500AAKS WD5000AAKS WD10EALX
Western Digital Caviar Green	500 GB 1.0 TB 1.5 TB 2.0 TB	WD5000AADS WD10EADS WD15EARS WD20EARS / WD20EADS

Compatible Drives (Mainstream Drives for Consumer Products)		
Manufacturer	Capacity	Model Number
Western Digital Caviar Black	500 GB 1.0 TB 2.0 TB	WD5002AALX WD1002FAEX WD2002FAEX
Western Digital AV - GP	1.0 TB 2.0 TB 3.0 TB	WD10EVDS / WD10EURX WD20EURS WD30EURS
Hitachi Deskstar	3.0 TB 3.0 TB	UA723030ALA640 HDS5C3030ALA630
Samsung SpinPoint F1	500 GB	HD502HJ
Samsung SpinPoint F2	1.5 TB	HD154UI
Samsung SpinPoint F3	1.0 TB 2.0 TB	HD103SJ HD502HJ
Samsung SpinPoint F3EG	2.0 TB	HD203WI
Samsung SpinPoint F4EG	2.0 TB	HD204UI
Seagate Barracuda 7200.11	750 GB 1.0 TB 1.5 TB	ST3750630AS ST31000333AS ST31500341AS
Seagate Barracuda 7200.12	250 GB 500 GB 750 GB 1.0 TB	ST3250318AS ST3500418AS ST3750528AS ST31000528AS
Seagate Barracuda LP	1.0 TB 1.5 TB 2.0 TB	ST31000520AS ST31500541AS ST32000542AS
Seagate Barracuda XT	2.0 TB 3.0 TB	ST31000641AS ST33000650NS

Legacy Recommended Drives (Enterprise drives no longer in mass production)		
Manufacturer	Capacity	Model Number
Seagate Barracuda ES	250 GB 500 GB 750 GB	ST3250820NS / ST3250620NS ST3500630NS ST3750640NS
Seagate Barracuda ES.2	250 GB	ST3250310NS
Western Digital RE3	250 GB 500 GB 1.0 TB	WD2502ABYS WD5002ABYS WD1002FBYS
Western Digital RE2 - GP	500 GB 750 GB 1.0 TB	WD5000ABPS WD7500AYPS WD1000FYPS
Western Digital RE2	500 GB 750 GB	WD5001ABYS WD7500AYYS
Western Digital Raptor	150 GB	WD1500ADFD (10,000 RPM)

Legacy Compatible Drives (Mainstream drives no longer in mass production)		
Manufacturer	Capacity	Model Number
Seagate Barracuda 7200.10	250 GB 500 GB	ST3250820AS ST3500820AS / ST3500630AS
Seagate Barracuda 7200.11	250 GB 500 GB 750 GB	ST3250820AS ST3500620AS / ST3500320AS ST3750630AS / ST3750640AS
Western Digital Caviar Blue	1.0 TB	WD10EALS
Western Digital Caviar Green	500 GB 750 GB 1.0 TB	WD5000AACS WD7500AACS/WD7500AADS WD10EACS

Legacy Compatible Drives (Mainstream drives no longer in mass production)		
Manufacturer	Capacity	Model Number
Western Digital Caviar Black	500 GB	WD5002AALS
	750 GB	WD7501AALS
	1.0 TB	WD1001FALS
	2.0 TB	WD2001FASS
Western Digital AV - GP	1.0 TB	WD10EVVS
	2.0 TB	WD20EVDS
Western Digital RE	250 GB	WD2500YS
	500 GB	WD5000YS
	750 GB	WD7500YS

Incompatible Drives ²		
Manufacturer	Capacity	Model Number
Seagate Barracuda ES.2	750 GB	ST3750330NS
	1.0 TB	ST31000340NS
Seagate Barracuda 7200.11	750 GB	ST3750330AS
	1.0 TB	ST31000340AS

2) These hard drives are not compatible with the NSS due to installation problems with the RAID array.

Recommended UPS (Compatibility List)		
Manufacturer	Type	Model Number
APC SMART UPS	USB, SNMP	SUA750RM2U
		SUA1000RM2U
		SUA1500RM2U
		SUA3000RM2U
		SUA3000RMT2U

Recommended UPS (Compatibility List)		
Manufacturer	Type	Model Number
APC SMART UPS	USB	SUA750RM1U SUA1000RM1U SUA2200 SUA3000
APC	SNMP	SMART-UPS-700

Recommended External Storage/Enclosure Compatibility List ³			
Interface	Type	Model Number	Manufacturer
USB 2.0, eSATA	3.5" SATA	External HDD / Enclosure	ACOMDATA AIRLINK AZIO COOLMAX KINGWIN NEWER TECHNOLOGY SABRENT SAMSUNG SEAGATE STARTECH THERMALTAKE TRIPP LITE VANTEC NEXSTAR WESTERN DIGITAL

3) USB 3.0 devices are not supported.

Specifications are Subject to Change Without Notice. Contact the hard drive manufacturer for the latest product details, specifications, warranty, and support information.