



SnapServer Supported Drives - SATA, Nearline SAS

SPECIFICATION SHEET

The drives below are supported by SnapServer XSR models according to the following:
 R = recommended
 S = supported
 NS = not supported

NOTE:
 -"S" supported may exhibit increased noise or reduced performance compared to "R" recommended.
 -Do not mix drives with different RPM in the same column of drive slots on the server.

The following drive types are not supported:
 -Desktop grade
 -Variable speed ("green")
 -Native 4K sector (except 512 translation mode)
 -Shingled magnetic recording (SMR)

Manufacturer	Drive Family	Vendor Model	Drive RPM	Drive Capacity	Desktop	1U	2U	Notes
Seagate	IronWolf NAS SATA 6Gb/s	ST1000VN002	5900	1TB	R	S	NS	Cannot be used with any 2U 12-bay product
		ST2000VN004	5900	2TB	R	S	NS	
		ST3000VN007	5900	3TB	R	S	NS	
		ST4000VN008	5900	4TB	R	S	NS	
		ST6000VN001	5400	6TB	R	S	NS	
		ST6000VN0033	7200	6TB	R	S	NS	
		ST8000VN0022	7200	8TB	R	S	NS	
		ST8000VN004	7200	8TB	R	S	NS	
		ST10000VN0004	7200	10TB	R	S	NS	
		ST10000VN0008	7200	10TB	R	S	NS	
		ST12000VN0008	7200	12TB	R	S	NS	
		ST14000VN0008	7200	14TB	R	S	NS	
		ST16000VN001	7200	16TB	R	S	NS	
	IronWolf Pro NAS SATA 6Gb/s	ST2000NE0025	7200	2TB	S	R	R	
		ST4000NE0025	7200	4TB	S	R	R	
		ST4000NE001	7200	4TB	S	R	R	
		ST6000NE0023	7200	6TB	S	R	R	
		ST6000NE000	7200	6TB	S	R	R	
		ST8000NE0021	7200	8TB	S	R	R	
		ST8000NE0004	7200	8TB	S	R	R	
		ST8000NE001	7200	8TB	S	R	R	
		ST10000NE0004	7200	10TB	S	R	R	
		ST10000NE0008	7200	10TB	S	R	R	
		ST12000NE0007	7200	12TB	S	R	R	
		ST12000NE0008	7200	12TB	S	R	R	
		ST14000NE0008	7200	14TB	S	R	R	
	ST16000NE000	7200	16TB	S	R	R		
	Skyhawk Surveillance SATA 6Gb/s	ST1000VX005	5400	1TB	R	R	NS	Cannot be used with any 2U 12-bay product
		ST2000VX008	5400	2TB	R	R	NS	
		ST3000VX009	5400	3TB	R	R	NS	
		ST3000VX010	5400	3TB	R	R	NS	
		ST4000VX007	5400	4TB	R	R	NS	
		ST6000VX0023	7200	6TB	R	R	NS	
		ST8000VX0022	7200	8TB	R	R	NS	
	Skyhawk AI Surveillance SATA 6Gb/s	ST8000VE0004	7200	8TB	S	R	R	
		ST8000VE000	7200	8TB	S	R	R	
		ST10000VE0004	7200	10TB	S	R	R	
		ST10000VE0008	7200	10TB	S	R	R	
		ST12000VE0008	7200	12TB	S	R	R	
		ST14000VE0008	7200	14TB	S	R	R	
	Exos 7E8, 7E2, X10, X12, X16 Enterprise SATA 6Gb/s	ST1000NM0008	7200	1TB	S	R	R	
		ST1000NM000A	7200	1TB	S	R	R	
		ST2000NM0008	7200	2TB	S	R	R	
		ST2000NM000A	7200	2TB	S	R	R	
		ST3000NM000A	7200	3TB	S	R	R	
		ST4000NM000A	7200	4TB	S	R	R	
ST4000NM002A		7200	4TB	S	R	R		
ST6000NM002A		7200	6TB	S	R	R		
ST6000NM037A		7200	6TB	S	R	R		
ST6000NM021A		7200	6TB	S	R	R		
ST8000NM000A		7200	8TB	S	R	R		
ST8000NM0206		7200	8TB	S	R	R		
ST10000NM001G		7200	10TB	S	R	R		
ST10000NM0146		7200	10TB	S	R	R		
ST10000NM0478		7200	10TB	S	R	R		
ST10000NM0086		7200	10TB	S	R	R		
ST12000NM001G		7200	12TB	S	R	R		
ST12000NM0008		7200	12TB	S	R	R		
ST12000NM0007		7200	12TB	S	R	R		
ST14000NM001G		7200	14TB	S	R	R		
ST14000NM0018	7200	14TB	S	R	R			
ST16000NM001G	7200	16TB	S	R	R			



Manufacturer	Drive Family	Vendor Model	Drive RPM	Drive Capacity	Desktop	1U	2U	Notes
Seagate	Exos 7E8, 7E2, X10, X12, X16 Enterprise SAS 12Gb/s	ST1000NM001A	7200	1TB	NS	NS	R	Cannot be used in Desktop or 1U 4-bay product
		ST2000NM003A	7200	2TB	NS	NS	R	
		ST2000NM004A	7200	2TB	NS	NS	R	
		ST3000NM001A	7200	3TB	NS	NS	R	
		ST4000NM003A	7200	4TB	NS	NS	R	
		ST4000NM005A	7200	4TB	NS	NS	R	
		ST6000NM003A	7200	6TB	NS	NS	R	
		ST6000NM029A	7200	6TB	NS	NS	R	
		ST8000NM0156	7200	8TB	NS	NS	R	
		ST8000NM001A	7200	8TB	NS	NS	R	
		ST10000NM002G	7200	10TB	NS	NS	R	
		ST10000NM0528	7200	10TB	NS	NS	R	
		ST10000NM0096	7200	10TB	NS	NS	R	
		ST12000NM002G	7200	12TB	NS	NS	R	
		ST12000NM0038	7200	12TB	NS	NS	R	
		ST12000NM0027	7200	12TB	NS	NS	R	
		ST14000NM002G	7200	14TB	NS	NS	R	
ST14000NM0048	7200	14TB	NS	NS	R			
ST16000NM002G	7200	16TB	NS	NS	R			
Toshiba	Enterprise Capacity SATA 6Gb/s	MG04ACA100N	7200	1TB	S	R	R	Cannot be used in Desktop or 1U 4-bay product
		MG04ACA200N	7200	2TB	S	R	R	
		MG04ACA200E	7200	2TB	S	R	R	
		MG04ACA300E	7200	3TB	S	R	R	
		MG04ACA400N	7200	4TB	S	R	R	
		MG04ACA400E	7200	4TB	S	R	R	
		MG04ACA500E	7200	4TB	S	R	R	
		MG04ACA50DE	7200	4TB	S	R	R	
		MG04ACA600E	7200	6TB	S	R	R	
		MG06ACA600E	7200	6TB	S	R	R	
		MG05ACA800E	7200	8TB	S	R	R	
		MG06ACA800E	7200	8TB	S	R	R	
		MG06ACA10TE	7200	10TB	S	R	R	
		MG07ACA12TE	7200	12TB	S	R	R	
	MG07ACA14TE	7200	14TB	S	R	R		
	MG08ACA16TE	7200	16TB	S	R	R		
	Enterprise Capacity SAS 12Gb/s	MG04SCA20EN	7200	2TB	NS	NS	R	
		MG04SCA20EE	7200	2TB	NS	NS	R	
		MG04SCA40EN	7200	4TB	NS	NS	R	
		MG04SCA40EE	7200	4TB	NS	NS	R	
		MG04SCA60EE	7200	6TB	NS	NS	R	
		MG06SCA600E	7200	6TB	NS	NS	R	
		MG06SCA800E	7200	8TB	NS	NS	R	
MG06SCA10TE		7200	10TB	NS	NS	R		
MG07SCA12TE		7200	12TB	NS	NS	R		
MG07SCA14TE	7200	14TB	NS	NS	R			
MG08SCA16TE	7200	16TB	NS	NS	R			
Western Digital	Red NAS SATA 6Gb/s	WD10EFRX	5400	1TB	R	S	NS	Cannot be used with any 2U 12-bay product
		WD20EFRX	5400	2TB	R	S	NS	
		WD30EFRX	5400	3TB	R	S	NS	
		WD40EFRX	5400	4TB	R	S	NS	
		WD60EFRX	5400	6TB	R	S	NS	
		WD80EFAX	5400	8TB	R	S	NS	
		WD101EFAX	5400	10TB	R	S	NS	
		WD100EFAX	5400	10TB	R	S	NS	
		WD120EFAX	5400	12TB	R	S	NS	
		WD140EFAX	5400	14TB	R	S	NS	
		Red Pro NAS SATA 6Gb/s	WD2002FFSX	7200	2TB	S	R	
	WD4003FFBX		7200	4TB	S	R	R	
	WD6003FFBX		7200	6TB	S	R	R	
	WD8003FFBX		7200	8TB	S	R	R	
	WD101KFBX		7200	10TB	S	R	R	
	WD121KFBX		7200	12TB	S	R	R	
	WD141KFGX		7200	14TB	S	R	R	



Manufacturer	Drive Family	Vendor Model	Drive RPM	Drive Capacity	Desktop	1U	2U	Notes
Western Digital	Purple Surveillance SATA 6Gb/s	WD10PURZ	5400	1TB	S	S	NS	Cannot be used with any 2U 12-bay product
		WD20PURZ	5400	2TB	S	S	NS	
		WD30PURZ	5400	3TB	S	S	NS	
		WD40PURZ	5400	4TB	S	S	NS	
		WD60PURZ	5400	6TB	S	S	NS	
		WD82PURZ	7200	8TB	S	S	S	
		WD102PURZ	7200	10TB	S	S	S	
		WD121PURZ	7200	12TB	S	S	S	
		WD140PURZ	7200	14TB	S	S	S	
	Gold Enterprise SATA 6Gb/s	WD1005FBYZ	7200	1TB	S	S	R	
		WD2005FBYZ	7200	2TB	S	S	R	
		WD4003FRYZ	7200	4TB	S	S	R	
		WD6003FRYZ	7200	6TB	S	S	R	
		WD8004FRYZ	7200	8TB	S	S	R	
		WD102KRYZ	7200	10TB	S	S	R	
		WD121KRYZ	7200	12TB	S	S	R	
	Ultrastar DC HC310, HC320, HC330 HC510, HC520, HC530 Enterprise SATA 6Gb/s	WD141KRYZ	7200	14TB	S	S	R	
		HUS726T4TALE6L4	7200	4TB	S	S	R	
		HUS726T4TALA6L4	7200	4TB	S	S	R	
		HUS726T6TALE6L4	7200	6TB	S	S	R	
		HUS728T8TALE6L4	7200	8TB	S	S	R	
		HUH721008ALE604	7200	8TB	S	S	R	
		WUS721010ALE6L4	7200	10TB	S	S	R	
		HUH721010ALE604	7200	10TB	S	S	R	
		HUH721212ALE604	7200	12TB	S	S	R	
		WUH721414ALE6L4	7200	14TB	S	S	R	
	Ultrastar DC HC310, HC320, HC330 HC510, HC520, HC530 Enterprise SAS 12Gb/s	HUS726T4TALS204	7200	4TB	NS	NS	R	Cannot be used in Desktop or 1U 4-bay product
		HUS726T4TALS204	7200	4TB	NS	NS	R	
		HUS726T6TALS204	7200	6TB	NS	NS	R	
		HUS728T8TALS204	7200	8TB	NS	NS	R	
		HUH721008ALS204	7200	8TB	NS	NS	R	
		WUS721010ALS204	7200	10TB	NS	NS	R	
		HUH721010ALS204	7200	10TB	NS	NS	R	
		HUH721212ALS204	7200	12TB	NS	NS	R	
		WUH721414ALS204	7200	14TB	NS	NS	R	