

SnapServer – Drives Supported

NOTE: Desktop Drives: Not Supported with SnapServer Diskless Configurations

Variable Speed Drives (Green Drives): Not Supported with SnapServer Diskless Configurations

Do not mix drives with 512 and 4K sectors

Do not mix drives with different RPM's in XSD 40 or in the same column in XSR 120

(R = recommended, S = supported, NS = not supported)

S = supported drives will work with the appropriate system, but could result in a noisy desktop environment or reduced performance

Drive Manufacturer	Drive Family	Vendor Model	HDD Class	Drive RPM	Drive capacity	XSD 40 (Desktop)	XSR 40 (1U)	XSR 120 (2U) or XSR SnapExpansion	EOL
Western Digital	Red (NAS 1-8 bays: Drives can be used in a NAS with max 8 drive bays)	WD20EFRX	NAS	5400	2TB	R	R	NS	
		WD30EFRX	NAS	5400	3TB	R	R	NS	
		WD40EFRX	NAS	5400	4TB	R	R	NS	
		WD50EFRX	NAS	5400	5TB	R	R	NS	
		WD60EFRX	NAS	5400	6TB	R	R	NS	
		WD80EFZX	NAS	5400	8TB	R	R	NS	
		WD100EFAX	NAS	5400	10TB	R	R	NS	
	Red Pro (NAS 1-16 bays: Drives can be used in NAS with max 16 drive bays)	WD2002FFSX	NAS	7200	2TB	S	R	R	
		WD4002FFWX	NAS	7200	4TB	S	R	R	
		WD6002FFWX	NAS	7200	6TB	S	R	R	
		WD8001FFWX	NAS	7200	8TB	S	R	R	
		WD101KFBX	NAS	7200	10TB	S	R	R	
	Red Pro (NAS 1-16 bays: Drives can be used in NAS with max 16 drive bays)	WD2001FFSX	NAS	7200	2TB	S	R	R	Y
		WD3001FFSX	NAS	7200	3TB	S	R	R	Y
		WD4001FFSX	NAS	7200	4TB	S	R	R	Y
		WD5001FFWX	NAS	7200	5TB	S	R	R	Y
		WD6001FFWX	NAS	7200	6TB	S	R	R	Y
	Re (Enterprise NL-SAS)	WD1001FYYG	Enterprise	7200	1TB	NS	NS	S	Y
		WD2001FYYG	Enterprise	7200	2TB	NS	NS	S	Y
		WD3001FYYG	Enterprise	7200	3TB	NS	NS	S	Y
		WD4001FYYG	Enterprise	7200	4TB	NS	NS	S	Y
	Purple (Surveillance)	WD10PURZ	Surveillance	5400	1TB	S	NS	NS	
		WD20PURZ	Surveillance	5400	2TB	S	NS	NS	
		WD30PURZ	Surveillance	5400	3TB	S	NS	NS	
		WD40PURZ	Surveillance	5400	4TB	S	NS	NS	
		WD60PURZ	Surveillance	5400	6TB	S	NS	NS	
		WD80PURZ	Surveillance	5400	8TB	S	NS	NS	
		WD100PURZ	Surveillance	5400	10TB	S	NS	NS	
HGST(WD)	Ultrastar He8 (Enterprise SATA)	Enterprise	7200	6TB	S	R	R	-	
		Enterprise	7200	8TB	S	R	R	-	
	Ultrastar He8 (Enterprise NL-SAS)	Enterprise	7200	3TB	NS	NS	S	Y	
		Enterprise	7200	6TB	NS	NS	S	-	
		Enterprise	7200	8TB	NS	NS	S	-	
Seagate	NAS Drives (NAS 1-8 bays: Drives can be used in a NAS with max 8 drive bays)	ST1000VN000	NAS	5400	1TB	R	R	NS	Y
		ST2000VN000	NAS	5400	2TB	R	R	NS	Y
		ST3000VN000	NAS	5400	3TB	R	R	NS	Y
		ST4000VN000	NAS	5400	4TB	R	R	NS	Y
		ST6000VN0021	NAS	5400	6TB	R	R	NS	Y
		ST8000VN0002	NAS	5400	8TB	R	R	NS	Y
	Enterprise NAS Drives (NAS 1-16 bays: Drives can be used in a NAS with max 16 drive bays)	ST2000VN0001	NAS	7200	2TB	S	R	R	Y
		ST3000VN0001	NAS	7200	3TB	S	R	R	Y
		ST4000VN0001	NAS	7200	4TB	S	R	R	Y
		ST5000VN0001	NAS	7200	5TB	S	R	R	Y
		ST6000VN0001	NAS	7200	6TB	S	R	R	Y
		ST8000NE0001	NAS	7200	8TB	S	R	R	Y
	IronWolf NAS Drives (NAS 1-8 bays: Drives can be used in a NAS with max 8 drive bays)	ST1000VN002	NAS	5900	1TB	R	R	NS	
		ST2000VN004	NAS	5900	2TB	R	R	NS	
		ST3000VN007	NAS	5900	3TB	R	R	NS	
		ST4000VN008	NAS	5900	4TB	R	R	NS	
		ST6000VN0041	NAS	7200	6TB	S	R	NS	
		ST8000VN0022	NAS	7200	8TB	S	R	NS	
		ST10000VN0004	NAS	7200	10TB	S	R	NS	
		ST12000VN0007	NAS	7200	12TB	S	R	NS	

NOTE: Please review the note section at the bottom of the page prior to making a selection

Drive Manufacturer	Drive Family	Vendor Model	HDD Class	Drive RPM	Drive capacity	XSD 40 (Desktop)	XSR 40 (1U)	XSR 120 (2U) or XSR SnapExpansion	EOL
Seagate	IronWolf Pro NAS Drives (NAS 1-16 bays: Drives can be used in a NAS with max 16 drive bays)	ST2000NE0025	NAS	7200	2TB	S	R	R	
		ST4000NE0025	NAS	7200	4TB	S	R	R	
		ST6000NE0021	NAS	7200	6TB	S	R	R	
		ST8000NE0021	NAS	7200	8TB	S	R	R	
		ST10000NE0004	NAS	7200	10TB	S	R	R	
		ST12000NE0007	NAS	7200	12TB	S	R	R	
	Enterprise Capacity (SATA)	ST6000NM0024	Enterprise	7200	6TB	S	R	R	Y
		ST8000NM0055	Enterprise	7200	8TB	S	R	R	
		ST10000NM0016	Enterprise	7200	10TB	S	R	R	
	Enterprise Capacity (NL-SAS)	ST6000NM0034	Enterprise	7200	6TB	NS	NS	R	Y
		ST8000NM0075	Enterprise	7200	8TB	NS	NS	R	
	Enterprise High Performance (15k 2.5" SAS)	ST300MP0005	Enterprise	15k	300GB (Std)	NS	NS	R	Y
		ST300MX0012	Enterprise	15k	300GB (Turbo Boost)	NS	NS	R	Y
		ST600MP0005	Enterprise	15k	600GB (Std)	NS	NS	R	Y
		ST600MX0052	Enterprise	15k	600GB (Turbo Boost)	NS	NS	R	Y
	Enterprise High Performance (15k 2.5" SAS)	ST300MP0106	Enterprise	15k	300GB	NS	NS	R	
		ST900MP0136	Enterprise	15k	600GB	NS	NS	R	
		ST900MP0146	Enterprise	15k	900GB	NS	NS	R	
	Enterprise Performance (10k 2.5" SAS)	ST300MM0048	Enterprise	10k	300GB	NS	NS	R	
		ST600MM0208	Enterprise	10k	600GB	NS	NS	R	
ST900MM0168		Enterprise	10k	900GB	NS	NS	R		
ST1200MM0088		Enterprise	10k	1.2TB	NS	NS	R		
	ST1800MM0018	Enterprise	10k	1.8TB	NS	NS	R		
Toshiba	Enterprise Capacity (SATA)	MG03ACA100	Enterprise	7200	1TB	S	R	R	Y
		MG03ACA200	Enterprise	7200	2TB	S	R	R	Y
		MG03ACA300	Enterprise	7200	3TB	S	R	R	Y
		MG03ACA400	Enterprise	7200	4TB	S	R	R	Y
		MG04ACA200N	Enterprise	7200	2TB	S	R	R	Y
		MG04ACA400N	Enterprise	7200	4TB	S	R	R	Y
	Enterprise Capacity (NL SAS)	MG03SCA100	Enterprise	7200	1TB	NS	NS	S	Y
		MG03SCA200	Enterprise	7200	2TB	NS	NS	S	Y
		MG03SCA300	Enterprise	7200	3TB	NS	NS	S	Y
		MG03SCA400	Enterprise	7200	4TB	NS	NS	S	Y
	Enterprise Capacity (SATA)	MG04ACA100N	Enterprise	7200	1TB	S	R	R	
		MG04ACA200E	Enterprise	7200	2TB	S	R	R	
		MG04ACA300E	Enterprise	7200	3TB	S	R	R	
		MG04ACA400E	Enterprise	7200	4TB	S	R	R	
		MG04ACA500E	Enterprise	7200	5TB	S	R	R	
		MG04ACA600E	Enterprise	7200	6TB	S	R	R	
		MG05ACA800E	Enterprise	7200	8TB	S	R	R	
	Enterprise Performance (10.5k, 2.5", SAS)	AL14SEB060N	Enterprise	10,500	600GB	NS	NS	S	
		AL14SEB090N	Enterprise	10,500	900GB	NS	NS	S	
		AL14SEB120N	Enterprise	10,500	1.2TB	NS	NS	S	
AL14SEB18EQ		Enterprise	10,500	1.8TB	NS	NS	S		
Micron	5100 Pro (SATA 6Gb/s)	MTFDDAK240TCB	SSD	n/a	240GB	R	R	R	
		MTFDDAK480TCB	SSD	n/a	480GB	R	R	R	
		MTFDDAK960TCB	SSD	n/a	960GB	R	R	R	
		MTFDDAK1T9TCB	SSD	n/a	1920GB	R	R	R	
Intel	S3500 Series SSD (SATA 6Gb/s)	SSDSC2BB120G401	SSD	n/a	120GB	R	R	R	Y
		SSDSC2BB240G401	SSD	n/a	240GB	R	R	R	Y
		SSDSC2BB480G401	SSD	n/a	480GB	R	R	R	Y
	S3510 Series SSD (SATA 6Gb/s)	SSDSC2BB480G601	SSD	n/a	480GB	R	R	R	-
		SSDSC2BB600G601	SSD	n/a	800GB	R	R	R	-
		SSDSC2BB012T601	SSD	n/a	1.2TB	R	R	R	-
		SSDSC2BB016T601	SSD	n/a	1.6TB	R	R	R	-
	S3520 Series SSD (SATA 6Gb/s)	SSDSC2BB240G701	SSD	n/a	240GB	R	R	R	-
		SSDSC2BB480G701	SSD	n/a	480GB	R	R	R	-
		SSDSC2BB800G701	SSD	n/a	800GB	R	R	R	-
		SSDSC2BB960G701	SSD	n/a	960GB	R	R	R	-
		SSDSC2BB012T701	SSD	n/a	1.2TB	R	R	R	-
	SSDSC2BB016T701	SSD	n/a	1.6TB	R	R	R	-	

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 Contact us today at sales@overlandstorage.com or sales@tandbergdata.com