

Sans Digital Enterprise Hard Drives List

Enterprise / RAID Edition Hard Drives VS Desktop / Green Hard Drives

Sans Digital recommends the use of enterprise hard drives when in use with any RAID controller applications. Standard desktop or green desktop drive may not be supported and may compromise RAID system stability and performance. For more information on the difference between RAID and desktop hard drives, please see the Western Digital knowledge base [here](#). For a list of compatible RAID Edition / Enterprise SATA hard drives, please refer to the list below:

- * SATA Hard Drives support only all models.
- * Some of the Sans Digital 3.5" models support 2.5" with additional screws holes. Please contact info@sansdigital.com for support details.
- * Sans Digital 2.5" models support 2.5" hard drives only.

3.5" SATA Hard Drive

Brand	Series	Size	Model Number	RPM	Transfer Rate
Hitachi	Ultrastar	6TB	0F18335	7200	6Gb/s
Seagate	Enterprise Capacity 3.5	6TB	ST6000NM0004	7200	6Gb/s
Seagate	Enterprise Capacity 3.5	6TB	ST6000NM0024	7200	6Gb/s
Seagate	Enterprise Capacity 3.5	5TB	ST5000NM0024	7200	6Gb/s
Seagate	Enterprise Capacity 3.5	5TB	ST5000NM0024	7200	6Gb/s
Hitachi	Ultrastar	4TB	0F14683	7200	6Gb/s
Seagate	Constellation ES.3	4TB	ST4000NM0033	7200	6Gb/s
Toshiba	Enterprise HDD	4TB	MG03ACA400	7200	6Gb/s
Western Digital	SE	4TB	WD4000F9YZ	7200	6Gb/s
Western Digital	RE	4TB	WD4000FYYZ	7200	6Gb/s
Hitachi	Ultrastar	3TB	0F12456	7200	6Gb/s
Seagate	Constellation ES.3	3TB	ST3000NM0033	7200	6Gb/s
Seagate	Constellation ES.2	3TB	ST33000650NS	7200	6Gb/s
Toshiba	Enterprise HDD	3TB	MG03ACA300	7200	6Gb/s
Western Digital	SE	3TB	WD3000F9YZ	7200	6Gb/s
Western Digital	RE	3TB	WD3000FYYZ	7200	6Gb/s
Hitachi	Ultrastar	2TB	0F12455	7200	6Gb/s
Hitachi	Ultrastar	2TB	0F10452	7200	3Gb/s
Seagate	Constellation ES.3	2TB	ST2000NM0033	7200	6Gb/s
Seagate	Constellation ES.2	2TB	ST2000NM0011	7200	6Gb/s
Seagate	Constellation ES	2TB	ST32000644NS	7200	6Gb/s
Toshiba	Enterprise HDD	2TB	MG03ACA200	7200	6Gb/s
Toshiba	Enterprise HDD	2TB	MK2002TSKB	7200	3Gb/s
Western Digital	SE	2TB	WD2000F9YZ	7200	6Gb/s
Western Digital	RE	2TB	WD2000FYYZ	7200	6Gb/s
Western Digital	RE4	2TB	WD2003FYYS	7200	6Gb/s
Hitachi	Ultrastar	1TB	0A39289	7200	6Gb/s
Seagate	Constellation ES	1TB	ST31000524NS	7200	6Gb/s
Toshiba	Enterprise HDD	1TB	MG030ACA100	7200	6Gb/s
Toshiba	Enterprise HDD	1TB	MK2002TSKB	7200	3Gb/s

Western Digital	RE4	1TB	WD1003FBYX	7200	6Gb/s
Western Digital	RE3	1TB	WD1002FBYS	7200	3Gb/s
Seagate	Barracuda ES	750GB	ST3750330NS	7200	3Gb/s
Hitachi	Ultrastar	500GB	0F11000	7200	3Gb/s
Seagate	Constellation ES	500GB	ST3500514NS	7200	3Gb/s
Western Digital	RE4	500GB	WD5003ABYX	7200	3Gb/s
Western Digital	RE3	500GB	WD5002ABYS	7200	3Gb/s

2.5" SATA Hard Drive

Brand	Series	Size	Model Number	RPM	Transfer Rate
Seagate	Constellation.2	1TB	ST91000640NS	7200	6Gb/s
Seagate	Constellation.2	500GB	ST9500620NS	7200	6Gb/s

2.5" SATA SSD*

Brand	Series	Size	Model Number	Transfer Rate
OCZ	Talos 2	240GB	TL2CSAK2G2M1X-0240	6Gb/s
SanDisk	CloudSpeed Eco Series			6Gb/s
SanDisk	CloudSpeed Ascend Series			6Gb/s
SanDisk	CloudSpeed Ultra Series			6Gb/s
SanDisk	CloudSpeed Extreme Series			6Gb/s
Samsung	845DC PRO Data Center Series			6Gb/s
Samsung	845DC EVO Data Center Series			6Gb/s
Intel	SC3500 Series			6Gb/s
Intel	SC3700 Series			6Gb/s

* Please select your SSD also base on reliability and endurance. If using SSD in RAID application, DWPD is a very important decision factor for reliability of the RAID volume.

SAS Hard Drives

All SAS Hard Drives are qualify as RAID application*. Below is the list of compatible SAS hard drives:

- * SAS Hard Drives only accept on models support SAS Hard Drives. Please refer to product specification for details.
- * Some of the Sans Digital 3.5" models support 2.5" with additional screws holes. Please contact info@sansdigital.com for support details.
- * Sans Digital 2.5" models support 2.5" hard drives only.

3.5" SAS Hard Drive

Brand	Series	Size	Model Number	RPM	Transfer Rate
Seagate	Enterprise Capacity 3.5	6TB	ST6000NM0014	7200	12Gb/s
Seagate	Enterprise Capacity 3.5	6TB	ST6000NM0034	7200	12Gb/s
Seagate	Enterprise Capacity 3.5	5TB	ST5000NM0034	7200	12Gb/s
Seagate	Constellation ES.3	4TB	ST4000NM0023	7200	6Gb/s
Toshiba	Enterprise HDD	4TB	MG03SCA400	7200	6Gb/s
Western Digital	RE	4TB	WD4001FYYG	7200	6Gb/s
Seagate	Constellation ES.3	3TB	ST3000NM0023	7200	6Gb/s
Seagate	Constellation ES.2	3TB	ST33000650SS	7200	6Gb/s
Toshiba	Enterprise HDD	3TB	MG03SCA300	7200	6Gb/s
Western Digital	RE	3TB	WD3001FYYG	7200	6Gb/s
Seagate	Constellation ES.3	2TB	ST2000NM0023	7200	6Gb/s
Seagate	Constellation ES	2TB	ST32000444SS	7200	6Gb/s
Toshiba	Enterprise HDD	2TB	MG03SCA200	7200	6Gb/s
Toshiba	Enterprise HDD	2TB	MK2001TRKB	7200	6Gb/s
Western Digital	RE	2TB	WD2001FYYG	7200	6Gb/s
Seagate	Constellation ES.3	1TB	ST1000NM0023	7200	6Gb/s
Seagate	Constellation ES	1TB	ST31000424SS	7200	6Gb/s
Toshiba	Enterprise HDD	1TB	MG03SCA100	7200	6Gb/s
Toshiba	Enterprise Class	1TB	MK1001TRKB	7200	6Gb/s
Western Digital	RE	1TB	WD1001FYYG	7200	6Gb/s
Seagate	Constellation ES	500GB	ST500NM0001	7200	6Gb/s
Seagate	Cheetah 15K.7	600GB	ST3600057SS	15K	6Gb/s
Seagate	Cheetah 15K.7	300GB	ST3300657SS	15K	6Gb/s

2.5" SAS Hard Drive

Brand	Series	Size	Model Number	RPM	Transfer Rate
Hitachi	UltraSTAR	600GB	0B28953	15K	12Gb/s
Seagate	Savvio 10K.6	900G	ST9900805SS	10K	6Gb/s
Toshiba 10K	Enterprise Class	600GB	MBF2600RC	10K	6Gb/s
Toshiba 10K	Enterprise Class	600GB	MBF260LRC	10K	6Gb/s

Toshiba 10K	Enterprise Class	300GB	MBF2300RC	10K	6Gb/s
Toshiba 10K	Enterprise Class	300GB	MBF230LRC	10K	6Gb/s
Seagate	Constellation.2	1TB	ST91000640SS	7200	6Gb/s
Seagate	Constellation.2	500GB	ST9500620SS	7200	6Gb/s

2.5" SAS SSD*

Brand	Series	Size	Model Number	Transfer Rate
OCZ	Deneva 2	240GB	D2CSTK251M21-0240	6Gb/s
HGST	UltraSTAR Series			12Gb/s
SanDisk	Optimus MAX Series			6Gb/s
SanDisk	Optimus Eco Series			6Gb/s
SanDisk	Optimus Ascend Series			6Gb/s
SanDisk	Optimus UltraSeries			6Gb/s
SanDisk	Optimus Extreme Series			6Gb/s

* Please select your SSD also base on reliability and endurance. If using SSD in RAID application, DWPD is a very important decision factor for reliability of the RAID volume.