

ExaSAN A12S3-PS Hard Drive Compatibility List

Model Name	Product Description	Firmware Version
A12S3-PS	External PCIe 12 bays RAID System	V3.7.1

ExaSAN A12S3-PS supports enterprise HDDs. The HDD compatibility lists as below is only for reference which had been tested in Accusys lab.



Model	Interface	Capacity	Rotational Speed (RPM)	Cache Size (MB)	Recently Updated
WUH721818ALE6L4	SATAIII	18TB	7200	512MB	2020/11
WUH721818AL5204	SAS 12Gb/s	18TB	7200	512MB	2020/11
WUS721010ALE6L4	SATAIII	10TB	7200	256MB	2020/05
WUH721414AL5204	SAS 12Gb/s	14.0TB	7200	512MB	2019/07
WUH721414ALE6L4	SATAIII	14.0TB	7200	512MB	2019/04
WD121KRYZ(Gold)	SATAIII	12.0TB	7200	256MB	2018/03
WD8003FRYZ(Gold)	SATAIII	8.0TB	7200	256MB	2018/03
WD101KRYZ(Gold)	SATAIII	10.0 TB	7200	256 MB	2016/11
WD8002FRYZ(Gold)	SATAIII	8.0 TB	7200	128 MB	2016/07
WD6002FRYZ(Gold)	SATAIII	6.0 TB	7200	128 MB	2016/07
WD4002FYYZ (Gold)	SATAIII	4.0 TB	7200	128 MB	2016/07
WD6001FSYZ(Re)	SATA III	6.0 TB	7200	128 MB	2015/12
WD1002F9YZ(Se)	SATA III	1.0 TB	7200	128 MB	2015/12
WD4000F9YZ	SATA III	4.0 TB	7200	64 MB	2015/12
WD4000FYYZ	SATA III	4.0 TB	7200	64 MB	2015/12
WD3000FYYZ	SATA III	3.0 TB	7200	64 MB	2015/12



Model	Interface	Capacity	SSD or HDD Rotational Speed (RPM)	Cache Size (MB)	Recently Updated
ST18000NM000J	SATA III	18TB	7200	256	2021/09
ST14000NM0081 (Exos 2x14)	SAS 12Gb/s	14TB	7200	256	2021/08
ST8000NM001A	SAS 12Gb/s	8TB	7200	256	2020/05
ST8000NM000A	SATA III	8TB	7200	256	2020/05
ST14000NM002G	SAS 12Gb/s	14TB	7200	256	2020/05
ST16000NM002G	SAS 12Gb/s	16TB	7200	256	2020/05
ST16000NM001G	SATA III	16TB	7200	256	2020/05
XS1920SE70004	SAS 12Gb/s	1.92TB	SSD	3D eTLC	2020/05
XA1920LE10063	SATA III	1.92TB	SSD	3D TLC	2020/05
ST16000NE000 (IronWolf Pro)	SATA III	16.0TB	7200	256 MB	2019/07
ST16000NM001G	SATA III	16.0TB	7200	256 MB	2019/07
ST14000NM0048	SAS 12Gb/s	14.0TB	7200	256 MB	2019/04
ST14000NE0008 (IronWolf Pro)	SATA III	14.0TB	7200	256 MB	2019/04
ST14000NM0018	SATA III	14.0TB	7200	256 MB	2018/08
ST8000NM0055	SATA III	8.0TB	7200	256 MB	2016/01
ST6000NM0034	SAS 12Gb/s	6.0 TB	7200	128 MB	2015/12
ST5000NM0024	SATA III	5.0 TB	7200	128 MB	2015/12
ST6000NM0024	SATA III	6.0 TB	7200	128 MB	2015/12
ST4000NM0023	SAS 6Gb/s	4.0 TB	7200	128 MB	2015/12
ST3600057SS	SAS 6Gb/s	600 GB	15000	16 MB	2015/12

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Model	Interface	Capacity	Rotational Speed (RPM)	Buffer Size (MB)	Recently Updated
HUH721212ALE600(He12)	SATAIII	12 TB	7200	256MB	2018/03
HUH721008ALE600(He10)	SATAIII	8 TB	7200	256MB	2018/03
HUH721010ALE600(He10)	SATAIII	10 TB	7200	256MB	2016/09
HUH728080AL5200 (He8)	SAS 12Gb/s	8 TB	7200	128MB	2015/12
HUH728080ALE600 (He8)	SATAIII	8 TB	7200	128MB	2015/12
HUS726060AL5210	SAS 12Gb/s	6.0 TB	7200	128MB	2015/12
HUS726060ALE610	SATAIII	6.0 TB	7200	128MB	2015/12
HUS726060ALS640 (He6)	SAS 6Gb/s	6.0 TB	7200	64 MB	2015/12

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Model	Interface	Capacity	Rotational Speed (RPM)	Cache Size (MB)	Recently Updated
MG08ACA16TE	SATA III	16TB	7200	512MB	2021/08
MG05ACA800E	SATA III	8.0TB	7200	128MB	2017/01
MG04SCA20EE	SAS 12Gb/s	2.0 TB	7200	128 MB	2015/12
MG04SCA50EE	SAS 12Gb/s	5.0 TB	7200	128 MB	2015/12
MG04SCA60EE	SAS 12Gb/s	6.0 TB	7200	128 MB	2015/12
MG04ACA50DE	SATA III	5.0 TB	7200	128 MB	2015/12
MG04ACA600E	SATA III	6.0 TB	7200	128 MB	2015/12
MG04SCA400E	SAS 6Gb/s	4.0 TB	7200	64 MB	2015/12
MG04SCA500E	SAS 6Gb/s	5.0 TB	7200	64 MB	2015/12

NOTE

- To get the best performance and avoid drive failures we strongly recommend using enterprise hard drives for A12S3-PS RAID system.
- This report provides only information about compatibility test but does not contain the actual use of performance information.
- The overall performance may be affected by number of hard drives, device type, RPM, etc. The actual performance will depend on use conditions.