



LAB AND ENGINEERING

3.5" Drive JBOD Approved Vendor List (AVL)

Description

This document is to present the vendor components that are qualified and approved to be used in conjunction with Premio's enclosure. The list is curated from Premio's lab test results, as well as from AVL and QVL of the aforementioned components. Items unlisted do not reflect on their incompatibility rather than they have yet looked upon. Disqualified items may be listed explicitly. Items on the list are subject to change.

Enclosures

DSS212J-S3	DSS316J-S3	DSS424J-S3
eDrawer4048J-S3	eDrawer4060J-S3	eDrawer4072J-S3

Lists

HDD	IO Card
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IO Card AVL

This list is compiled based on the compatibility between the host IO cards and the JBOD.

IO Card	Vendor	Name	Model	Chipset	Host Bus	Cle Lan	Xfer Rate	Int. Port	Ext. Port	Connector	Form Factor
SAS Card	Broadcom	MegaRAID	SAS 9286-8e	SAS2208	PCIe Gen3	x8	6Gb/s	0	8	SFF-8088	LP
		HBA	SAS 9207-8e	SAS2308	PCIe Gen3	x8	6Gb/s	0	8	SFF-8087	LP
		HBA	SAS 9207-4i4e	SAS2308	PCIe Gen3	x8	6Gb/s	4	4	SFF-8087/88	LP
		HBA	SAS 9305-24i	SAS3224 IOC	PCIe Gen3	x8	12Gb/s	24	0	SFF-8644	LP
		HBA	SAS 9305-16e	SAS3224 IOC	PCIe Gen3	x8	12Gb/s	0	16	SFF-8644	LP
		HBA	SAS 9300-8e	SAS3008 IOC	PCIe Gen3	x8	12Gb/s	0	8	SFF-8644	LP
		HBA	SAS 9300-16e	SAS3008 IOC	PCIe Gen3	x8	12Gb/s	0	16	SFF-8644	LP
		HBA	SAS 9300-4i4e	SAS3008 IOC	PCIe Gen3	x8	12Gb/s	4	4	SFF-8643/44	LP
		MegaRAID	SAS 9380-8i8e	SAS3108 ROC	PCIe Gen3	x8	12Gb/s	8	8	SFF-8643/44	LP
		MegaRAID	SAS 9380-8e	SAS3108 ROC	PCIe Gen4	x8	12Gb/s	0	8	SFF-8644	LP



SAS HDD AVL

This list is compiled based on the compatibility between hard drives and expander. Premio's backplane is used as a passive medium between those components. Only drives with 3.5" size are supported by the enclosures.

Vendor	Model	Type	Gen	FW	Capacity	Size	Cache	RPM
WD	WD4001FYYG	SAS	6Gb/s	VR07	4TB	3.5"	32MB	7200 RPM
	WD3001FYYG	SAS	6Gb/s	VR07	3TB	3.5"	32MB	7200 RPM
	WD2001FYYG	SAS	6Gb/s	VR07	2TB	3.5"	32MB	7200 RPM
	WD1001FYYG	SAS	6Gb/s	VR07	1TB	3.5"	32MB	7200 RPM
	WD9001HKHG	SAS	6Gb/s	SR07	900GB	3.5"	32MB	10K RPM
	WD6001HKHG	SAS	6Gb/s	SR07	600GB	3.5"	32MB	10K RPM
	WD4501HKHG	SAS	6Gb/s	SR07	450GB	3.5"	32MB	10K RPM
	WD3001HKHG	SAS	6Gb/s	SR07	300GB	3.5"	32MB	10K RPM
	HGST	HUS726060ALS640	SAS	6Gb/s	A1E2	6TB	3.5"	64MB
HUS724040ALS640		SAS	6Gb/s	A152	4TB	3.5"	64MB	7200 RPM
HUS724030ALS640		SAS	6Gb/s	A152	3TB	3.5"	64MB	7200 RPM
HUS724020ALS640		SAS	6Gb/s	A152	2TB	3.5"	64MB	7200 RPM
HUS723030ALS640		SAS	6Gb/s	A220	3TB	3.5"	64MB	7200 RPM
HUS723020ALS640		SAS	6Gb/s	A220	2TB	3.5"	64MB	7200 RPM
HUS156060VLS600		SAS	6Gb/s	A5D0	600GB	3.5"	64MB	15K RPM
HUS156045VLS600		SAS	6Gb/s	A5D0	450GB	3.5"	64MB	15K RPM
HUS156030VLS600		SAS	6Gb/s	A5D0	300GB	3.5"	64MB	15K RPM
HUS156060VLS600		SAS	6Gb/s	A202	600GB	3.5"	64MB	15K RPM
HUS156045VLS600		SAS	6Gb/s	A202	450GB	3.5"	64MB	15K RPM
HUS156030VLS600		SAS	6Gb/s	A202	300GB	3.5"	64MB	15K RPM
HUS726060AL5210		SAS	12Gb/s		6TB	3.5"	128MB	7200 RPM
HUS726040AL4214		SAS	12Gb/s		4TB	3.5"	128MB	7200 RPM
ST3000NM0043		SAS	6Gb/s		1	3TB	3.5"	7200 RPM
ST2000NM0043		SAS	6Gb/s		1	2TB	3.5"	7200 RPM
ST1000NM0043		SAS	6Gb/s		1	1TB	3.5"	7200 RPM
ST4000NM0023		SAS	6Gb/s		ZZZZ	4TB	3.5"	7200 RPM
ST3000NM0023		SAS	6Gb/s		ZZZZ	3TB	3.5"	7200 RPM
ST2000NM0023		SAS	6Gb/s		ZZZZ	2TB	3.5"	7200 RPM
ST1000NM0023		SAS	6Gb/s		ZZZZ	4TB	3.5"	7200 RPM
ST32000444SS		SAS	6Gb/s		5	2 TB	3.5"	7200 RPM
ST33000650SS		SAS	6Gb/s		2	3TB	3.5"	7200 RPM
ST32000645SS		SAS	6Gb/s		2	2TB	3.5"	7200 RPM
ST2000NM0001		SAS	6Gb/s		2	2TB	3.5"	7200 RPM
ST1000NM0001		SAS	6Gb/s		2	1TB	3.5"	7200 RPM
ST500NM0001		SAS	6Gb/s		2	500GB	3.5"	7200 RPM
ST33000650SS		SAS	6Gb/s		1	3TB	3.5"	7200 RPM

Vendor	Model	Type	Gen	FW	Capacity	Size	Cache	RPM
	ST32000445SS	SAS	6Gb/s	6	2TB	3.5"		7200 RPM
	ST31000424SS	SAS	6Gb/s	6	1TB	3.5"		7200 RPM
	ST3500414SS	SAS	6Gb/s	6	500GB	3.5"		7200 RPM
	ST32000444SS	SAS	6Gb/s	5	2TB	3.5"		7200 RPM
	ST31000424SS	SAS	6Gb/s	5	1TB	3.5"		7200 RPM
	ST3500414SS	SAS	6Gb/s	5	500GB	3.5"		7200 RPM
	ST3450802SS	SAS	6Gb/s	9	450GB	3.5"		10K RPM
	ST3600002SS	SAS	6Gb/s	9	600GB	3.5"		10K RPM
	ST3600057SS	SAS	6Gb/s	8	600GB	3.5"		15K7 RPM
	ST3450857SS	SAS	6Gb/s	8	450GB	3.5"		15K7 RPM
	ST3300657SS	SAS	6Gb/s	8	300GB	3.5"		15K7 RPM
	ST6000NM0034	SAS	12Gb/s		6TB	3.5"	128MB	7200 RPM
Toshiba	MG03SCA100	SAS	6Gb/s	108	1TB	3.5"		7200 RPM
	MG03SCA200	SAS	6Gb/s	108	2TB	3.5"		7200 RPM
	MG03SCA300	SAS	6Gb/s	108	3TB	3.5"		7200 RPM
	MG03SCA400	SAS	6Gb/s	108	4TB	3.5"		7200 RPM
	MK2001TRKB	SAS	6Gb/s	105	2TB	3.5"		7200 RPM
	MK1001TRKB	SAS	6Gb/s	105	1TB	3.5"		7200 RPM