

Compatibility Report for:

- *Adaptec HBA 1100*
- *Adaptec SmartHBA 2100*
- *Adaptec SmartRAID 3100*

This Compatibility Report reflects testing performed by Microchip to test the interoperability of the products listed. It does not attempt to validate the quality of or preference for any of the listed products. It is also not an inclusive list and reflects a representative sample of products in each of the categories listed. All testing was done by the Microchip Product Verification Group and the InterOperability Test Lab.

Minimum testing for listed drive enclosures consists of recognition on each controller model and 24 hours of data integrity I/O stress load. For enclosures that have a FW Revision associated with them, indicating an intelligent backplane, Activity and Fault LEDs on the enclosure are also tested.

Minimum testing for listed hard disk drives (HDDs) and solid state drives (SSDs) includes direct-attached recognition on each controller model subjected to data integrity I/O stress load. When selecting a hard drive or SSD, be aware that other factors not taken into account during this testing may impact successful operation. Just a few examples of such are, the use of an enclosure/backplane, not following the drive vendor's usage guidelines, or not providing adequate environmental support. Our compatibility reports are intended to be used as a guideline for compatibility, but it's important to factor in all requirements for your particular configuration prior to selecting a hard drive to fit your needs.

Minimum testing for listed host systems and motherboards consists of single and multiple controller recognition, controller BIOS interaction with host, and operating system bootability from each controller from every compatible PCIExpress slot. Systems that are capable of supporting more than 4 GB and more than 8 GB of memory are also tested in operating system environments that support such a configuration. Please note that some systems or motherboards may be listed multiple times if different system BIOS or CPU configurations were used.

Note:

If you encounter problems with a certain system or device, check the manufacturer for the latest BIOS or microcode. Go to the Adaptec web site frequently for the latest updated list at www.microsemi.com/products/storage/compatibility

Microchip Corporate Headquarters
2355 West Chandler Blvd.
Chandler, AZ 85224
USA
Pre-Sales Support: US and Canada: 1 (800) 442-7274 or (408) 957-7274

ENCLOSURES

Expander Cards			
Type	Manufacturer	Model	# of Ports
SAS	Microchip	Adaptec Expander Card 82885T	36

Enclosures / Backplanes			
Type	Manufacturer	Model	# of Bays
SAS/SATA	AIC	SSG-JBSA32S-2242h-54RP-A	24
SAS/SATA	AIC	SSG-JBSA32S-4763T-E0RP (*SP)	76
SAS/SATA	AIC	XJ3000-2242S	24
SAS/SATA	Chenbro	RM23824E3	24
SAS/SATA	Chenbro	RM43260	60
SAS/SATA	HGST	4U60	60
SAS/SATA	Intel	G97158-301	8
SAS/SATA	Intel	JBOD2224S2DP	24
SAS/SATA	Intel	JBOD2312S3SPSPP	12
SAS/SATA	Intel	R2224GZ4GCSAS	24
SAS/SATA	Promise	J830sD	24
SAS/SATA	Promise	Vtrak J5800sD	24
SAS/SATA	Super Micro	SAS213A	16
SAS/SATA	Super Micro	SAS3-216A	24
SAS/SATA	Super Micro	SC-216E26	24
SAS/SATA	Super Micro	SAS747TQ	8
SAS/SATA	Super Micro	SAS815TQ	4
SAS/SATA	Super Micro	SAS826EL1	12
SAS/SATA	Super Micro	SAS833TQ	8
SAS/SATA	Super Micro	SAS836BA	16
SAS/SATA	Super Micro	SC846BE1C	24
SAS/SATA	Super Micro	SC847BE2C	36
SAS/SATA	Super Micro	SC936EL2	16

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