

Compatibility Report for:

- *Adaptec HBA 1200*
- *Adaptec SmartHBA 2200*
- *Adaptec SmartRAID 3200*

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

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Microchip is committed to providing customers with a stable product that offers both, high performance and high reliability. Specific backplane features/functions are dependent on proper cabling and controller settings. In some cases, some functionality may be reduced due to specific configuration limitations.

Chassis, motherboards and backplanes are modular and compatible outside these specific configurations.

System boards using the same chipset should be compatible by version/type.

Backplane feature support may be limited to the backplane capabilities. In some configurations, the controller backplane mode must be set manually using the controller configuration utility. Managment utilities will adapt/change according to system settings.

Similar motherboards from the same series should be fully compatible by chipset association.

*Type is color coded to quickly identify

- Motherboard
- Server
- Backplane
- Combination
- Enclosure
- Expander

Host Components

Vendor	Type*	Motherboard	Chipset	Chassis	Backplane	Backplane Jumper Setting	*Cable SlimSAS x8 to:	Controller Setting
ASUS	Mini Server	P11C-I	C242	Terra SR301				
ASUS	Motherboard	ASUS PRIME TRX40-PRO	AMD TRX40					
Intel	19" Server	S2600WF	C628	LWF2224IR534201				
Intel	19" Server 2U	S2600WFT	C628	R2208WFTZSR	3x TRI-MODE A2U8X25S3PHS		Mini-SAS-HD 2304900-R STD - Oculink 2304800-R	Auto Detect
Intel	Server	M50CYP2SBSTD		M50CYP2UR208	CYPHSBP2208		SlimSAS x8 to SlimSAS x8	Auto
Supermicro	Mini Server	X10SDV-4C-TLN2F	SoC	CSE-721TQ-250B	CSE-SAS-733TQ			
Chenbro	Backplane				4T4S	Backplane JP1 to - 2-3 Short	Mini-SAS-HD 2304900-R STD - Oculink 2304800-R	VPP
AIC / Supermicro	Chassis / MoBo	Supermicro H12SSL-CT	SoC	RSC-2KT	AIC XE0-492KT-03		Mini-SAS-HD 2304900-R STD - Oculink 2304800-R	VPP or Direct Attached

AIC / Supermicro	Chassis / MoBo	Supermicro H12SSL-NT	SoC	RSC-2ET	AIC-XE1-2ET00-03		Mini-SAS-HD 2304900-R MiniSAS-HD SMC 2305100-R	VPP or Direct Attached
Vendor	Type*	Motherboard	Chipset	Chassis	Backplane	Backplane Jumper Setting	*Cable SlimSAS x8 to:	Controller Setting
Supermicro	19" Server	Supermicro H12SSL-NT	SoC	SC825TQC-600LPB (SAS3)	SC825TQC-600LPB (SAS3)		SATA 7-PIN Fanout (no pwr) 2305800-R	Auto Detect
Chenbro	Backplane	-	-	RM238 Series	4T4S : PN 380-23710-3011A1 - FW V01.05	Backplane JP1 to - 2-3 Short	Mini-SAS-HD 2304900-R STD - Oculink 2304800-R	VPP
Chenbro	Backplane	-	-	RM238 Series	8N : PN 380-23710-3012A2 - FW U1 V01.07, U11 V11.07	-	STD - Oculink 2304800-R	VPP
ICY DOCK	Enclosure	-	-	MB699VP-B V1	MB699VP-B V1	-	MiniSAS-HD SMC 2305100-R	Direct
ICY DOCK	Enclosure	-	-	MB516SP-B	MB516SP-B	-	Mini-SAS-HD 2304900-R MiniSAS-HD SMC 2305100-R	Auto Detect
ICY DOCK	Enclosure	-	-	MB508SP-B	MB508SP-B	-	Mini-SAS-HD 2304900-R MiniSAS-HD SMC 2305100-R	Auto Detect
ICY DOCK	Enclosure	-	-	MB720M2K-B V1	MB720M2K-B V1	-	MiniSAS-HD SMC 2305100-R	Direct
AIC	External Enclosure			SSG-JBSA32S-2242h- 54RP-A	SAS/SATA - 24 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
AIC	External Enclosure			SSG-JBSA32S-4763T- E0RP (*SP)	SAS/SATA - 76 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
AIC	External Enclosure			XJ1-20123-02	SAS/SATA - 12 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
AIC	External Enclosure			XJ1-40781-02_x02 PN XJ1- 40781-02	SAS/SATA - 78 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
Chenbro	External Enclosure			RM43260	SAS/SATA - 60 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
Promise	External Enclosure			Vtrak J5800sD	SAS/SATA - 24 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
WDC	External Enclosure			4U60	SAS/SATA - 60 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
WDC	External Enclosure			4U60G2	SAS/SATA - 60 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
WDC	External Enclosure			DATA60 4U60G3 PN 1ES0256	SAS/SATA - 60 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
Intel	External Enclosure			JBOD2224S2DP	SAS/SATA - 24 Bays		Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect
Adaptec	Expander				82885T		Mini-SAS-HD 2304900-R Ext MiniSAS-HD to Ext MiniSAS-HD 2282600-R	Auto Detect

