

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

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HOST SYSTEMS

Host Systems							
Manufacturer	Model	BIOS	Chipset	CPU	PCI Express Revision	Memory	Memory Type
ASRock	E3C236D2I	1.0	Intel C236	Intel Core i3-6100 3.7GHz	3.0	16GB	DDR4
ASRock	E3C236D4M-4L	L2.05F	Intel C236	Intel Xeon E3-1270 v6	3.0	64GB	DDR4
Asus	KGPE-D16	3201	AMD G34	AMD Opteron 6128 2.0 GHz 8 Cores	2.0	8GB	DDR3
Asus	P8B-M	6702	Intel C204	Intel Xeon E3-1230 3.2GHZ	3.0	8GB	DDR3
Asus	P9D-I	0804 x64	Intel C222	Intel Xeon E3-1220 v3 3.1GHZ	3.0	16GB	DDR3
Asus	P9D-X	1201	Intel C222	Intel Xeon E3-1225 v3 3.2GHZ	3.0	16GB	DDR3
Asus	P9X-79 WS	3209	Intel X79	Intel Core i7-3820 3.6GHz	3.0	4GB	DDR3
Asus	P11C-I	5.13	Intel C242	Intel Xeon E-2136 v2 3.3 GHz	3.0	32GB	DDR4
Asus	Z9PE-D8 WS	5206	Intel C600/X79	Dual Intel Xeon CPU E5-2609 2.4 GHz	3.0	8GB	DDR3
Intel	S2600GZ	02.04.0003	Intel C602	Dual Intel Xeon E5-2680 0 2.70GHz	3.0	2GB	DDR3
Intel	S2600WF	1.01.0013	Intel C628	Xeon Gold 6134 3.2GHz	3.0	256GB	DDR4
Intel	S2600WT	1.01.0033	Intel C610	Xeon E5-2603 V3	3.0	16GB	DDR3
Siemens	Simatic IPC847D	19.01.05	Intel C226	Intel Xeon E3-1268L v3 2.3 GHz	2.0 & 3.0	32GB	DDR3
Super Micro	H11DSi-NT	1.1a	AMD SoC	AMD EPYC 7251 2.1 GHz	3.0	16GB	DDR4
Super Micro	X8DTi-F	2.0c	Intel 5520	Intel Xeon L5520 2.27 GHz	2.0	2GB	DDR3
Super Micro	X9DRG-QF	3.2	Intel C602	Dual Xeon 6 Core E5-2630 2.3 GHz	3.0	8GB	DDR3
Super Micro	X9DRi-LNF4+	3.2	Intel C602	Dual Xeon 6 Cores E5-2600 2.0 GHz	3.0	16GB	DDR3
Super Micro	X9DRW-3LN4F+	3.2b	Intel C606	Dual Intel E5-2609 2.4 GHz	3.0	16GB	DDR3
Super Micro	C7Z87	1.0a	Intel Z87	Intel i7-4770S 3.1 GHz	3.0	4GB	DDR3
Super Micro	X10DRi-LN4+	1.0b	Intel C612	Intel Xeon E5-2603 v3 2.40GHz * 2	3.0	16GB	DDR3
Super Micro	X10DRi-T	2	Intel C612	Intel Xeon E5-2603 V3 1.6GHz	3.0	8GB	DDR4
Super Micro	X10SDV-4C-TLN2F	1.2c	Intel SoC	Intel Xeon D-1521 (x4) 2.4GHz	3.0	16GB	DDR4
Super Micro	X10SLM-F	R3.0	Intel C224 Express PCH	Intel Xeon E3-1230 v3, 3.3GHz	3.0	16GB	DDR3
Super Micro	X10SRI-F	1.0b	Intel C612	Intel Xeon E5-2630 v3 2.40GHz	3.0	16GB	DDR3
Super Micro	X10SRL-F	1.0b	Intel C612	Intel Xeon E5-2630 v3 2.40GHz	3.0	16GB	DDR3
Super Micro	X11SSH-F	2.1	Intel C236	Intel Xeon E3-1274 v5 3.6GHz	3.0	16GB	DDR4
Super Micro	X11SSL-F	1.0b	Intel C232	Intel Xeon E3-1220 v5 3.0 GHz	3.0	8GB	DDR4
Super Micro	X11SSZ-F	2.0a	Intel C236	Intel Core i5-6500 3.2GHz	3.0	16GB	DDR4

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