

Matrox Helios XA, XCL and XD PC Compatibility List June 7, 2011

This list identifies the platforms (systems, motherboards and industrial computers) certified by Matrox Imaging to be compatible with the Matrox Helios XA, XCL and XD frame grabber board. Compatibility is defined as the general ability of the Matrox Helios XA, XCL and XD to properly function on the specified platform. It does not necessarily take into account interaction with other expansion peripherals. Therefore, customers should perform testing based on their applications' specific needs. Compatibility is not limited to the platforms listed below. Other platforms with similar characteristics may also be compatible. Please contact Matrox Imaging Technical Support for details on compatibility with specific platforms. [A shaded background indicates a recently added listing.](#)

Click [highlighted](#) model numbers for detailed information.

Desktop systems						
Manufacturer	Model*	Processor	Chipset	Slot type(s)	BIOS revision	
Dell	Precision 490	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A03	
Dell ^{1, 2, 3}	Precision 670	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	A06	
Dell	Precision 690	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A01	
Dell	Precision T7400	Intel Xeon 5000 series	Intel 5400P	5V PCI / PCI-X / PCIe	A02	
Motherboards						
Manufacturer	Model*	Processor	Chipset	Slot type(s)	BIOS revision	
ASUS	PP-DLW	Intel Xeon	Intel E7505	5V PCI / PCI-X / AGP 8X	028	
ASUS	P5WDG2 WS Pro	Intel Core 2 Duo	Intel 975X	5V PCI / PCI-X / PCIe	8005	
Intel	SE7525GP2	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	P10	
MSI	E7505 Master-LS2 (MS-9121)	Intel Xeon	Intel E7505	5V PCI / PCI-X / AGP 8X	1.1	
SuperMicro	P4SCT	Intel Pentium 4	Intel 875P	5V PCI / PCI-X / AGP 8X	1.0C	

*Model name is a hyperlink to a more detailed report for that model.

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Motherboards (cont.)

Manufacturer	Model*	Processor	Chipset	Slot type(s)	BIOS revision
SuperMicro	X6DAE-G	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	1.3a
SuperMicro	X6DHE-G2	Intel Xeon	Intel E7520	PCI-X / PCIe	1.3c
SuperMicro	X7DAE-O	Intel Xeon 5000 series	Intel 5000X	5V PCI / PCI-X / PCIe	2.0
SuperMicro	X8DAE	Intel Xeon 5000 series	Intel 5520	PCI-X / PCIe	80015
SuperMicro	X8SAX	Intel Core i7	Intel X58	5V PCI / PCI-X / PCIe	1.0b
Tyan	Thunder K8WE (S2895)	AMD Opteron	AMD 8131	5V PCI / PCI-X / PCIe	1.01.2895

Industrial computers (SHB)

Manufacturer	Model*	Processor	Chipset	Backplane tested	BIOS revision
Kontron	ePCI-200	Intel Pentium 4	ServerWorks GC-SL	B	2.0
Trenton	MCXT (6633)	Intel Xeon	Intel E5000P	D	08.06.15
Trenton	NLT (6313)	Intel Xeon	Intel E7520	C	TTIGFL21 6-15-05
Trenton	XPI	Intel Xeon	Intel E7500	A	TTIAF014
Trenton	XPT (6090)	Intel Xeon	Intel E7501	A	TTIBY016

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Backplanes				
ID	Manufacturer	Model	Slot type(s)	PCI/PCIe/PCI-X bridge(s)
A	Trenton	BP 1/1/2/4/4	PCI-X / 5V PCI / ISA	(1) Intel 21154
B	Kontron	eBP-11A4B6	PCI-X / 5V PCI	(1) PLX PCI 6540
C	Trenton	BPX 3/8 (6377)	x8 PCIe / PCI-X / 5V PCI	(1) Intel 41210 (PCIe), (1) Intel 21154 (PCI)
D	Trenton	BPX6620	x8 PCIe / PCI-X / 5V PCI	(3) Intel 41210 (PCIe)

Notes (Contact Matrox Imaging Technical Support for details)

1. Compatible with Microsoft Windows 2000.
2. Compatible with Microsoft Windows XP Professional.
3. Tested in a single board configuration only.

For more information, please contact Technical Support (514) 822-6061 or <http://www.matrox.com/imaging/en/support/techsupport/contact/>
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