



This list identifies the platforms (systems, motherboards and industrial computers) certified by Matrox Imaging to be compatible with the Matrox Corona-II frame grabber. Compatibility is defined as the general ability of the Matrox Corona-II 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.

Desktop systems

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
Dell ^{1, 2, 3}	Optiplex GX240	Intel Pentium 4	Intel 845	5V PCI / AGP	A02
Dell ^{3, 4, 7}	Optiplex GX280	Intel Pentium 4	Intel 915G	5V PCI / PCIe	A03
Dell ^{1, 2, 3}	Optiplex GX400	Intel Pentium 4	Intel 850	5V PCI / AGP 4X	A04
Dell ^{3, 4, 6, 7}	PowerEdge 2600	Intel Xeon (Dual)	Intel E7500	5V PCI / 3.3V / PCI-X	A02
Dell ^{3, 4, 7}	Precision Workstation 470	Intel Xeon (Dual)	Intel E7525	PCI-X / 5V PCI / PCIe	A01
Gateway ^{1, 2, 3}	500x	Intel Pentium 4	Intel 845	PCI / AGP	P02
HP ^{2, 3, 4, 7, 9}	workstation xw8000	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP 8X	JQW105US rev.A



Motherboards

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
ASUS ^{3, 4, 7, 9}	A7M266-D	AMD Athlon MP	AMD 760MPX	5V PCI / 3.3V PCI / AGP 4X	1010
ASUS ^{2, 3, 4, 7}	P4P800	Intel Pentium 4	Intel 865PE	5V PCI / AGP 4X	1009
ASUS ^{1, 2, 3}	PB4	Intel Pentium 4	Intel 845	PCI / AGP 4X	-
ASUS ^{2, 3, 4, 7}	PP-DLW	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP 8X	028
Intel ^{2, 3, 4, 7}	D875PBZ	Intel Pentium 4	Intel 875P	5V PCI / AGP 8X	P16
Intel ^{4, 7, 11}	D915GEV	Intel Pentium 4	Intel 915G	5V PCI / PCIe	0332
Intel ^{3, 4, 6, 7}	D925XCV	Intel Pentium 4	Intel 925X	5V PCI / PCIe	0338
Intel ^{2, 3, 4, 6, 7}	SE7505VB2	Intel Xeon (Dual)	Intel E7505	5V PCI / PCI-X / AGP 8X	1.01
Intel ^{2, 3, 4, 7, 8}	SHG2	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X	1.08
MSI ^{2, 3, 4, 7}	E7505 Master-LS2 (MS-9121)	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP 8X	1.1
SuperMicro ^{2, 3, 4, 6}	Super P4DC6	Intel Xeon (Dual)	Intel 860	5V PCI / 3.3V PCI / AGP 4X	1.0A
SuperMicro ^{2, 3, 4, 7}	Super P4DSE	Intel Xeon	ServerWorks GC-SL	5V PCI / PCI-X	1.0C



Motherboards (cont.)

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
SuperMicro ^{3, 4, 7, 9}	Super P4SCT	Intel Pentium 4	Intel 875P	5V PCI / PCI-X / AGP 8X	1.0C
SuperMicro ^{2, 3, 4, 7}	Super X5DAE	Intel Xeon (Dual)	Intel E7505	5V PCI / PCI-X / AGP 8X	1.0b
SuperMicro ^{3, 4, 7, 12}	Super X6DAE-G	Intel Xeon (Dual)	Intel E7525	5V PCI / PCI-X / PCIe	1.3a
Tyan ^{2, 3, 4, 6}	Tiger Thunder i7500 (S2720)	Intel Xeon (Dual)	Intel E7500	5V PCI / 3.3V PCI-X	V1.2
Tyan ^{3, 4}	Tiger Thunder i860 (S2603)	Intel Xeon (Dual)	Intel 860	5V PCI / 3.3V PCI / AGP 4X	V1.06

Industrial computers

Manufacturer	Model	Processor	Chipset	Backplane tested	BIOS revision
Kontron ^{2, 3, 4, 6}	ePCI-200	Intel Pentium 4	ServerWorks GC-SL	C	2.0
Trenton ^{3, 4, 7, 9}	NLT (6313)	Intel Xeon (Dual)	Intel E7520	D	TTIGFL21 6-15-05
Trenton ^{2, 3, 4, 6}	XPI (6022)	Intel Xeon	Intel E7500	A	07/15/95
Trenton ^{2, 3, 4, 7, 10}	XPT (6090)	Intel Xeon (Dual)	Intel E7501	B	TTIBY016



Backplanes

ID	Manufacturer	Model	Slot type(s)	PCI/PCIe/PCI-X bridge(s)
A	Trenton	BP3/2/4/4	5V PCI / 3.3V PCI / ISA	(2) Intel 21154 / (1) Intel 21152
B	Trenton	BP 1/1/2/4/4	PCI-X / 5V PCI / ISA	(1) Intel 21154
C	Kontron	eBP-11A4B6	PCI-X / 5V PCI	(2) PLX PCI 6540
D	Trenton	BPX 3/8 (6377)	x8 PCIe / PCI-X / 5V PCI	(1) Intel 41210 (PCIe), (1) Intel 21154 (PCI)

Notes (Contact Matrox Imaging Technical Support for details)

1. Compatible with Microsoft Windows 95/98SE.
2. Compatible with Microsoft Windows NT 4.0.
3. Compatible with Microsoft Windows 2000.
4. Compatible with Microsoft Windows XP Professional.
5. Not compatible in all multi-board configurations.
6. Not compatible in all display modes (i.e., extended desktop/auxiliary)
7. Tested in a single board configuration only.
8. Frame grabber and PCI graphics card must be both installed in the same PCI/PCI-X segment.
9. Not compatible in all slots.
10. On-board VGA cannot be used as Imaging display.
11. MTXDMA issue under MIL/MIL-Lite 7.5. Please contact Matrox Imaging Technical Support for assistance.
12. Known booting issue with certain PCIe graphics boards. Please contact Matrox Imaging Technical Support for assistance.

For more information, please call: 1-800-804-6243 (toll free in North America) or (514) 822-6020 or e-mail: imaging.info@matrox.com or <http://www.matrox.com/imaging>

Matrox Electronic Systems Ltd.
1055 St. Regis Blvd.
Dorval, Quebec H9P 2T4
Canada
Tel: (514) 685-2630
Fax: (514) 822-6273

