

# Matrox Corona-II 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 Corona-II frame grabber board. 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.](#)

<b>Desktop systems</b>						
Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision	
Dell <sup>1, 2, 3, 7</sup>	Optiplex GX240	Intel Pentium 4	Intel 845	5V PCI / AGP	A02	
Dell <sup>4, 7</sup>	Optiplex GX280	Intel Pentium 4	Intel 915G	5V PCI / PCIe	A07	
Dell <sup>1, 2, 3, 7</sup>	Optiplex GX400	Intel Pentium 4	Intel 850	5V PCI / PCIe	A03	
Dell <sup>3, 4, 6, 7</sup>	PowerEdge 2600	Intel Xeon (Dual)	Intel E7500	5V PCI / 3.3V PCI / PCI-X	A02	
Dell <sup>3, 4, 7</sup>	Precision 380	Intel Pentium 4	Intel 955X	5V PCI / PCIe	A04	
Dell <sup>1, 2, 3, 7</sup>	Precision 470	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	A01	
Dell <sup>4, 7</sup>	Precision 490	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A03	
Dell <sup>3, 4, 6, 7</sup>	Precision 670	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	A06	
Dell <sup>4, 7</sup>	Precision 690	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A01	
Dell <sup>7, 13</sup>	Precision T3400	Intel Core 2 Quad	Intel X38	5V PCI / PCIe	A04	
Dell <sup>7, 13</sup>	Precision T3500	Intel Xeon 3500 series	Intel X58	5V PCI / PCIe	A01	

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## Desktop systems (cont.)

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
Dell <sup>4,7</sup>	Precision T7400	Intel Xeon 5000 series	Intel 5400P	5V PCI / PCI-X / PCIe	A02
Gateway <sup>1,2,3,7</sup>	500x	Intel Pentium 4	Intel 845	5V PCI / AGP	P02
HP <sup>2,3,4,7,9</sup>	xw8000	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP	8X JQW105US rev.A
HP <sup>7,13</sup>	Z600	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	108
HP <sup>7,13</sup>	Z800	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	01.17

## Motherboards

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
ASUS <sup>3,4,7,9</sup>	A7M266-D	AMD Athlon MP	AMD 760MPX	5V PCI / 3.3V PCI / AGP 4X	1010
ASUS <sup>2,3,4,7</sup>	P4P800	Intel Pentium 4	Intel 865PE	5V PCI / AGP 4X	1009
ASUS <sup>4,7</sup>	P5W64 WS Pro	Intel Pentium D	Intel 975X	5V PCI / PCIe	903
ASUS <sup>4,7</sup>	P5WDG2 WS Pro	Intel Core 2 Duo	Intel 975X	5V PCI / PCI-X / PCIe	8005
ASUS <sup>7,13</sup>	P6X58D-E	Intel Core i7	Intel X58	5V PCI / PCIe	502
ASUS <sup>1,2,3,7</sup>	PB4	Intel Pentium 4	Intel 845	PCI / AGP 4X	n/a
ASUS <sup>2,3,4,7</sup>	PP-DLW	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP 8X	028

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<b>Motherboards (cont.)</b>					
Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
Intel <sup>2,3,4,7</sup>	D875PBZ	Intel Pentium 4	Intel 875P	5V PCI / AGP 8X	P16
Intel <sup>4,7,11</sup>	D915GEV	Intel Pentium 4	Intel 915G	5V PCI / PCIe	0332
Intel <sup>3,4,6,7</sup>	D925XCV	Intel Pentium 4	Intel 925X	5V PCI / PCIe	0338
Intel <sup>4,7</sup>	D975XBX	Intel Core 2 Duo	Intel 975X	5V PCI / PCIe	BX9750j.86.A1478
Intel <sup>4,7</sup>	D975XBX2	Intel Core 2 Duo	Intel 975X	5V PCI / PCIe	BX97520J.86A.2770.0613.1403
Intel <sup>7,13</sup>	DP55KG	Intel Core i5	Intel P55	5V PCI / PCIe	4507
Intel <sup>7,13</sup>	DP67BG	Intel Core i5 series	Intel P67	5V PCI / PCIe	1569
Intel <sup>4,7</sup>	DQ35JOE	Intel Core 2 Duo	Intel Q35	5V PCI / PCIe	A2
Intel <sup>4,7</sup>	DQ965GL	Intel Pentium D	Intel Q965	5V PCI / PCIe	CO96510j.86A.5975
Intel <sup>2,3,4,6,7</sup>	SE7505VB2	Intel Xeon (Dual)	Intel E7505	5V PCI / PCI-X / AGP 8X	1.01
Intel <sup>3,4,7</sup>	SE7525GP2	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	P10
Intel <sup>2,3,4,7,8</sup>	SHG2	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X	1.08
MSI <sup>2,3,4,7</sup>	E7505 Master-LS2 (MS-9121)	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP 8X	1.1
SuperMicro <sup>2,3,4,6,7</sup>	P4DC6	Intel Xeon (Dual)	Intel 860	5V PCI / 3.3V PCI / AGP 4X	1.0A
SuperMicro <sup>2,3,4,7</sup>	P4DSE	Intel Xeon	ServerWorks GC-SL	5V PCI / PCI-X	1.0C
SuperMicro <sup>3,4,7,9</sup>	P4SCT	Intel Pentium 4	Intel 875P	5V PCI / PCI-X / AGP 8X	1.0C

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<b>Motherboards (cont.)</b>					
Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
SuperMicro <sup>4, 7, 9</sup>	PDSBA	Intel Core 2 Duo	Intel G965	5V PCI / PCIe	1.0c
SuperMicro <sup>2, 3, 4, 7</sup>	X5DAE	Intel Xeon (Dual)	Intel E7505	5V PCI / PCI-X / AGP 8X	1.0b
SuperMicro <sup>3, 4, 7, 12</sup>	X6DAE-G	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	1.3a
SuperMicro <sup>3, 4, 7</sup>	X6DHE-G2	Intel Xeon	Intel E7520	PCI-X / PCIe	1.3c
SuperMicro <sup>4, 7</sup>	X7DAE-O	Intel Xeon 5000 series	Intel 5000X	5V PCI / PCI-X / PCIe	2.0
Supermicro <sup>7, 13</sup>	X8DAE	Intel Xeon 5000 series	Intel 5520	PCI-X / PCIe	80015
Supermicro <sup>7, 13</sup>	X8SAX	Intel Core i7	Intel X58	5V PCI / PCI-X / PCIe	1.0b
Tyan <sup>3, 4, 7</sup>	Thunder K8WE (S2895)	AMD Opteron	AMD 8131	5V PCI / PCI-X / PCIe	1.01.2895
Tyan <sup>2, 3, 4, 6, 7</sup>	Tiger Thunder i7500 (S2720)	Intel Xeon (Dual)	Intel E7500	5V PCI / 3.3V PCI-X	V1.2
Tyan <sup>3, 4, 7</sup>	Tiger Thunder i860 (S2603)	Intel Xeon (Dual)	Intel 860	5V PCI / 3.3V PCI / AGP 4X	V1.06
<b>Industrial computers (SHB)</b>					
Manufacturer	Model	Processor	Chipset	Backplane tested	BIOS revision
Kontron <sup>2, 3, 4, 6, 7</sup>	ePCI-200	Intel Pentium 4	ServerWorks GC-SL	C	2.0
Trenton <sup>4, 7</sup>	MCXT (6633)	Intel Xeon	Intel E5000P	E	08.06.15
Trenton <sup>1, 2, 3, 7</sup>	NLT (6313)	Intel Xeon	Intel E7520	D	TTIGFL21 6-15-05

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<b>Industrial computers (SHB) (cont.)</b>					
Manufacturer	Model	Processor	Chipset	Backplane tested	BIOS revision
Trenton <sup>2, 3, 4, 6, 7</sup>	XPI (6022)	Intel Xeon	Intel E7500	A	07/15/95
Trenton <sup>2, 3, 4, 7, 10</sup>	XPT (6090)	Intel Xeon (Dual)	Intel E7501	B	TTIBY016
<b>Backplanes</b>					
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)	
E	Trenton	BPX6620	x8 PCIe / PCI-X / 5V PCI	(3) Intel 41210 (PCIe)	

Notes (Contact Matrox Imaging Technical Support for details)

- Compatible with Microsoft Windows 95/98SE.
- Compatible with Microsoft Windows NT 4.0.
- Compatible with Microsoft Windows 2000.
- Compatible with Microsoft Windows XP Professional.
- Not compatible in all multi-board configurations.
- Not compatible in all display modes (i.e., extended desktop/auxiliary)
- Tested in a single board configuration only.
- Frame grabber and PCI graphics card must be both installed in the same PCI/PCI-X segment.
- Not compatible in all slots (e.g., obstruction, failure to grab).
- On-board VGA cannot be used as Imaging display.
- MTXDMA issue under MIL/MIL-Lite 7.5. Contact Matrox Imaging Technical Support.
- Known booting issue with certain PCIe graphics boards. Contact Matrox Imaging Technical Support.
- Compatible with MIL 9.0 under Microsoft Windows XP (32-bit).

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