

# Matrox CronosPlus 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 CronosPlus frame grabber board. Compatibility is defined as the general ability of the Matrox CronosPlus 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 <sup>2,3</sup>	Optiplex GX280	Intel Pentium 4	Intel 915G	5V PCI / PCIe	A07
Dell <sup>1,2,3</sup>	Precision 380	Intel Pentium 4	Intel 955X	5V PCI / PCIe	A04
Dell <sup>1,2,3</sup>	Precision 470	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	A01
Dell <sup>2,3</sup>	Precision 490	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A03
Dell <sup>1,2,3,9</sup>	Precision 670	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	A06
Dell <sup>2,3</sup>	Precision 690	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A01
Dell <sup>2,3,12</sup>	Precision T3400	Intel Core 2 Quad	Intel X38	5V PCI / PCIe	A04
Dell <sup>3,13</sup>	Precision T3500	Intel Xeon 3500 series	Intel X58	5V PCI / PCIe	A01
Dell <sup>4,7</sup>	Precision T7400	Intel Xeon 5000 series	Intel 5400P	5V PCI / PCI-X / PCIe	A02
Dell <sup>3,14</sup>	Studio XPS 9100	Intel Core i7 series	Intel X58	5V PCI / PCIe	A02
HP <sup>3,12</sup>	Z600	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	108

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<b>Desktop systems</b>					
Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
HP <sup>3, 13</sup>	Z800	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	01.17
<b>Motherboards</b>					
Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
ASUS <sup>2, 3</sup>	P5W64 WS Pro	Intel Pentium D	Intel 975X	5V PCI / PCIe	903
ASUS <sup>2, 3</sup>	P5WDG2 WS Pro	Intel Core 2 Duo	Intel 975X	5V PCI / PCI-X / PCIe	8005
ASUS <sup>3, 12</sup>	P6X58D-E	Intel Core i7	Intel X58	5V PCI / PCIe	502
Intel <sup>1, 2, 3, 6</sup>	D915GEV	Intel Pentium 4	Intel 915G	5V PCI / PCIe	0332
Intel <sup>1, 2, 3</sup>	D925XCV	Intel Pentium 4	Intel 925X	5V PCI / PCIe	0338
Intel <sup>2, 3</sup>	D975XBX	Intel Core 2 Duo	Intel 975X	5V PCI / PCIe	BX9750j.86.A1478
Intel <sup>2, 3</sup>	D975XBX2	Intel Core 2 Duo	Intel 975X	5V PCI / PCIe	BX97520j.86A.2770.0613.1403
Intel <sup>2, 3, 12</sup>	DP45SG	Intel Core 2 Quad	Intel P45	5V PCI / PCIe	0102
Intel <sup>3, 12</sup>	DP67BG	Intel Core i5 series	Intel P67	5V PCI / PCIe	1569
Intel <sup>2, 3</sup>	DQ35JOE	Intel Core 2 Duo	Intel Q35	5V PCI / PCIe	A2
Intel <sup>2, 3</sup>	DQ965GL	Intel Pentium D	Intel Q965	5V PCI / PCIe	CO96510j.86A.5975
Intel <sup>2, 3, 12</sup>	DX48BT2	Intel Core 2 Quad	Intel X48	5V PCI / PCIe	1521
Intel <sup>1, 2, 3, 10</sup>	SE7525GP2	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	P10

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## Motherboards (cont.)

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
SuperMicro <sup>1, 2, 3</sup>	P4SCT	Intel Pentium 4	Intel 875P	5V PCI / PCI-X / AGP 8X	1.0C
SuperMicro <sup>2, 3, 11</sup>	PDSBA	Intel Core 2 Duo	Intel G965	5V PCI / PCIe	1.0c
SuperMicro <sup>1, 2, 3, 7</sup>	X6DAE-G	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	1.3a
SuperMicro <sup>1, 2, 3</sup>	X6DHE-G2	Intel Xeon	Intel E7520	PCI-X / PCIe	1.3c
SuperMicro <sup>2, 3</sup>	X7DAE-O	Intel Xeon 5000 series	Intel 5000X	5V PCI / PCI-X / PCIe	2.0
Supermicro <sup>3, 12</sup>	X8DAE	Intel Xeon 5000 series	Intel 5520	PCI-X / PCIe	80015
Supermicro <sup>3, 12</sup>	X8SAX	Intel Core i7	Intel X58	5V PCI / PCI-X / PCIe	1.0b
Trenton <sup>3, 12</sup>	NTM6900	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	8.00.16
Tyan <sup>3, 4, 7</sup>	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
Trenton <sup>2, 3</sup>	MCXT (6633)	Intel Xeon	Intel E5000P	B	08.06.15
Trenton <sup>1, 2, 3</sup>	NLT (6313)	Intel Xeon	Intel E7520	A	TTIGFL21 6-15-05

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Backplanes				
ID	Manufacturer	Model	Slot type(s)	PCI/PCIe/PCI-X bridge(s)
A	Trenton	BPX 3/8 (6377)	x8 PCIe / PCI-X / 5V PCI	(1) Intel 41210 (PCIe), (1) Intel 21154 (PCI)
B	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.
4. Not compatible in all display modes (i.e., extended desktop/auxiliary)
5. Not compatible in all multi-board configurations.
6. MTXDMA issue under MIL/MIL-Lite 7.5. Contact Matrox Imaging Technical Support.
7. Known booting issue with certain PCIe graphics boards. Contact Matrox Imaging Technical Support.
8. Not compatible in all slots (e.g., obstruction, failure to grab).
9. PCI slot limitation with Matrox board. Matrox Imaging recommends to use available PCI-X or PCIe slot
10. Not compatible with all VGAs. Contact Matrox Imaging Technical Support.
11. Requires Hot Fix. Contact Matrox Imaging Technical Support.
12. Compatible with MIL 9.0 under Microsoft Windows XP (32-bit).
13. Compatible with MIL 9.0 under Microsoft Windows Vista (32-bit).
14. Compatible with MIL 9.0 under Microsoft Windows 7 (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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