

# Matrox Morphis PC Compatibility List August 31, 2011

This list identifies the platforms (systems, motherboards and industrial computers) certified by Matrox Imaging to be compatible with the Matrox Morphis frame grabber board. Compatibility is defined as the general ability of the Matrox Morphis 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 <sup>2,3</sup>	Optiplex GX280	Intel Pentium 4	Intel 915G	5V PCI / PCIe	A03
Dell <sup>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	<a href="#">Precision 490</a>	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A03
Dell <sup>1,2,3,7</sup>	Precision 670	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	A06
Dell	<a href="#">Precision 690</a>	Intel Xeon 5000 series	Intel 5000x	5V PCI / PCI-X / PCIe	A01
Dell	<a href="#">Precision T3400</a>	Intel Core 2 Quad	Intel X38	5V PCI / PCIe	A04
Dell	<a href="#">Precision T3500</a>	Intel Xeon 3500 series	Intel X58	5V PCI / PCIe	A01
Dell	<a href="#">Precision T7400</a>	Intel Xeon 5000 series	Intel 5400P	5V PCI / PCI-X / PCIe	A02
Dell	<a href="#">Studio XPS 8000</a>	Intel Core i5 series	Intel P55	5V PCI / PCIe	A01
Dell	<a href="#">Studio XPS 9100</a>	Intel Core i7 series	Intel X58	5V PCI / PCIe	A02

\*Model name is a hyperlink to a more detailed report for that model (when available).

# Matrox Morphis PC Compatibility List August 31, 2011

<b>Desktop systems (cont.)</b>					
Manufacturer	Model*	Processor	Chipset	Slot type(s)	BIOS revision
HP	<a href="#">Z600</a>	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	108
HP	<a href="#">Z800</a>	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	01.17
<b>Motherboards</b>					
Manufacturer	Model*	Processor	Chipset	Slot type(s)	BIOS revision
ASUS	<a href="#">P5W64 WS Pro</a>	Intel Pentium D	Intel 975X	5V PCI / PCIe	903
ASUS	<a href="#">P5WDG2 WS Pro</a>	Intel Core 2 Duo	Intel 975X	5V PCI / PCI-X / PCIe	8005
ASUS	<a href="#">P6X58D-E</a>	Intel Core i7	Intel X58	5V PCI / PCIe	502
Intel <sup>1, 2, 3, 5</sup>	D915GEV	Intel Pentium 4	Intel 915G	5V PCI / PCIe	0332
Intel	<a href="#">D975XBX</a>	Intel Core 2 Duo	Intel 975X	5V PCI / PCIe	BX9750j.86.A1478
Intel	<a href="#">D975XBX2</a>	Intel Core 2 Duo	Intel 975X	5V PCI / PCIe	BX97520j.86A.2770.0613.1403
Intel	<a href="#">DP45SG</a>	Intel Core 2 Quad	Intel P45	5V PCI / PCIe	0102
Intel	<a href="#">DP55KG</a>	Intel Core i5	Intel P55	5V PCI / PCIe	4507
Intel	<a href="#">DP67BG</a>	Intel Core i5 series	Intel P67	5V PCI / PCIe	1569
Intel	<a href="#">DQ35JOE</a>	Intel Core 2 Duo	Intel Q35	5V PCI / PCIe	A2

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# Matrox Morphis PC Compatibility List August 31, 2011

<b>Motherboards</b>					
Manufacturer	Model*	Processor	Chipset	Slot type(s)	BIOS revision
Intel	<a href="#">DQ965GL</a>	Intel Pentium D	Intel Q965	5V PCI / PCIe	CO96510j.86A.5975
Intel	<a href="#">DX48BT2</a>	Intel Core 2 Quad	Intel X48	5V PCI / PCIe	1521
Intel <sup>3</sup>	SE7525GP2	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	P10
SuperMicro <sup>1, 2, 3</sup>	P4SCT	Intel Pentium 4	Intel 875P	5V PCI / PCI-X / AGP 8X	1.0C
SuperMicro	<a href="#">PDSBA</a>	Intel Core 2 Duo	Intel G965	5V PCI / PCIe	1.0c
SuperMicro <sup>1, 2, 3, 6</sup>	X6DAE-G	Intel Xeon	Intel E7525	5V PCI / PCI-X / PCIe	1.3a
SuperMicro <sup>3, 4, 6</sup>	X6DHE-G2	Intel Xeon	Intel E7520	PCI-X / PCIe	1.3c
SuperMicro	<a href="#">X7DAE-O</a>	Intel Xeon 5000 series	Intel 5000X	5V PCI / PCI-X / PCIe	2.0
Supermicro	<a href="#">X8DAE</a>	Intel Xeon 5000 series	Intel 5520	PCI-X / PCIe	80015
Supermicro	<a href="#">X8SAX</a>	Intel Core i7	Intel X58	5V PCI / PCI-X / PCIe	1.0b
Trenton	<a href="#">NTM6900</a>	Intel Xeon 5000 series	Intel 5520	5V PCI / PCIe	8.00.16
Tyan <sup>1, 2, 3</sup>	Thunder K8WE (S2895)	AMD Opteron	AMD 8131	5V PCI / PCI-X / PCIe	1.01.2895

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# Matrox Morphis PC Compatibility List August 31, 2011

<b>Industrial computers (SHB)</b>					
Manufacturer	Model*	Processor	Chipset	Backplane tested	BIOS revision
Trenton	<a href="#">MCXT (6633)</a>	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
<b>Backplanes</b>					
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)	

\*Model name is a hyperlink to a more detailed report for that model (when available).

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. MTXDMA issue under MIL/MIL-Lite 7.5. Please contact Matrox Imaging Technical Support for assistance.
6. Known booting issue with certain PCIe graphics boards. Please contact Matrox Imaging Technical Support for assistance.
7. PCI slot limitation with Matrox board. Matrox Imaging recommends to use available PCI-X or PCIe slot
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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Canada and U.S.A.  
Matrox Electronic Systems Ltd.  
1055 St. Regis Blvd.  
Dorval, Quebec H9P 2T4  
Canada  
Tel: (514) 685-2630  
Fax: (514) 822-6273