

Matrox Genesis-LC PC Compatibility List

This list identifies the platforms (systems, motherboards and industrial computers) certified by Matrox Imaging to be compatible with the Matrox Genesis-LC frame grabber. Compatibility is defined as the general ability of the Matrox Genesis-LC 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 ^{2, 3}	Dimension 8100	Intel Pentium 4	Intel 850	5V PCI / AGP 4X	-
Dell ^{2, 3}	OptiPlex GX240	Intel Pentium 4	Intel 845	5V PCI / AGP 4X	A02
Dell ^{2, 3, 6}	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 ^{2, 3, 6}	Precision Workstation 220	Intel Pentium-III	Intel 840	5V PCI / AGP 4X	-
Dell ^{3, 4, 6, 7}	Precision Workstation 470	Intel Xeon (Dual)	Intel E7525	PCI-X / 5V PCI / PCIe	A01
Dell ^{2, 3}	Precision Workstation 530	Intel Xeon (Dual)	Intel 860	5V PCI / 3.3V PCI / AGP 4X	A06
Gateway ^{2, 3, 6}	Performance 1300	Intel Pentium 4	Intel 850	-	-
HP ^{2, 3, 4, 7, 8}	workstation xw8000	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP 8X	JQW105US rev.A

Matrox Genesis-LC PC Compatibility List (cont.)

Motherboards

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
ASUS ^{2, 3, 6}	A7V133	AMD Athlon	VIA KT133A	PCI / AGP 4X / ISA	1004
ASUS ^{2, 3}	CUSL2	Intel Pentium-III	Intel 815E	-	1002
ASUS ^{2, 3}	CUR-DLS	Intel Pentium-III	ServerSet IIILE	-	1005
ASUS ^{2, 3, 4, 7, 8}	PP-DLW	Intel Xeon (Single)	Intel E7505	5V PCI / PCI-X / AGP 8X	028
ASUS ^{2, 3}	P4B	Intel Pentium 4	Intel 845	PCI / AGP 4X	-
ASUS ^{2, 3, 4, 7}	P4P800	Intel Pentium 4	Intel 865PE	5V PCI / AGP 4X	1009
ASUS ^{2, 3}	P4T	Intel Pentium 4	Intel 850	PCI / AGP 4X	1001
Intel ^{2, 3}	D850GB	Intel Pentium 4	Intel 850	PCI / AGP	-
Intel ^{2, 3, 4, 7, 8}	D875PBZ	Intel Pentium 4	Intel 875P	5V PCI / AGP 8X	P16
Intel ^{3, 4, 6, 7}	D925XCV	Intel Pentium 4	Intel 925X	5V PCI / PCIe	0338
Intel ^{2, 3, 4, 6}	SE7500CW2	Intel Xeon (Dual)	Intel E7500	5V PCI / PCI-X	1.18
Intel ^{2, 3, 4, 6, 7, 8}	SE7505VB2	Intel Xeon (Dual)	Intel E7505	5V PCI / 3.3V 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

Matrox Genesis-LC PC Compatibility List (cont.)

Motherboards (cont.)

Manufacturer	Model	Processor	Chipset	Slot type(s)	BIOS revision
SuperMicro ^{2, 3, 4, 6, 7}	Super P4DSE	Intel Xeon	ServerWorks GC-SL	5V PCI / PCI-X	1.0C
SuperMicro ^{2, 3, 4, 6, 7}	Super X5DAE	Intel Xeon (Dual)	Intel E7505	5V PCI / PCI-X / AGP 8X	1.0b
Tyan ^{2, 3, 4}	Tiger Thunder i7500 (S2720)	Intel Xeon (Dual)	Intel E7500	5V PCI / 3.3V PCI-X	V1.2
Tyan ^{2, 3, 4, 6}	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, 7, 8}	ePCI-200	Intel Pentium 4	ServerWorks GC-SL	K	2.0
Trenton ^{2, 3}	SLE (5891)	Intel Pentium-III	ServerSet-III LE	-	-
Trenton ^{2, 3, 4, 6}	XPI (6022)	Intel Xeon	Intel E7500	I	07/15/95
Trenton ^{2, 3, 4, 7, 8, 10}	XPT (6090)	Intel Xeon (Dual)	Intel E7501	J	TTIBY016

Matrox Genesis-LC PC Compatibility List (cont.)

Backplanes

ID	Manufacturer	Model	Slot type(s)	PCI-TO-PCI bridge(s)
A	Portwell	PBP-14A7	PCI / ISA	(1) Intel 21052-AB
B	Portwell	PBP-08P4	PCI / ISA	none
C	Trenton	BP3-16T-ISA-PCI	PCI / ISA	(3) DEC 21152-AA / (1) DEC 21150-AA
D	Trenton	TR-BP7 6T-2.1	PCI / ISA	(1) DEC 21152-AA
E	Texas Micro	PCA/5/2/6 PCI/ISA	PCI / ISA	(1) DEC 21150-AA
F	Texas Micro	PCA/3ISA/1CPU/6PCI	PCI / ISA	(1) DEC 21150-AA
G	Teknor	6PCI/6ISA/1CPU	PCI / ISA	(1) DEC 212052-AB
H	ICS	BP12-0559	PCI / ISA	(1) DEC 21152
I	Trenton	BP3/2/4/4	5V PCI / 3.3V PCI / ISA	(2) Intel 21154 / (1) Intel 21152

Matrox Genesis-LC PC Compatibility List (cont.)

Backplanes (cont.)

ID	Manufacturer	Model	Slot type(s)	PCI-TO-PCI bridge(s)
J	Trenton	BP 1/1/2/4/4	PCI-X / 5V PCI / ISA	(1) Intel 21154
K	Kontron	eBP-11A4B6	PCI-X / 5V PCI	(2) PLX PCI 6540

Notes (Contact Matrox Imaging Technical Support for details)

1. Compatible with Microsoft DOS.
2. Compatible with Microsoft Windows NT4.0.
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. Not compatible in all slots.
9. Multi-node limitation.
10. On-board VGA cannot be used as Imaging display.

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>

Corporate headquarters:

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

