

# Matrox Pulsar/Pulsar-LC PC Compatibility List

March 1, 2002

This list identifies the platforms (systems and motherboards) certified by Matrox Imaging to be compatible with Matrox Pulsar/Pulsar-LC. Compatibility is defined as the general ability of Matrox Pulsar/Pulsar-LC to properly function on the specified platform when using MIL/MIL-Lite 6.0x or higher. 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.

## Desktop Systems

Manufacturer / Model	Processor Type	Core Logic Chipset	BIOS Revision
Compaq / DeskPro EN <sup>I</sup>	Pentium III	820	Not available
Compaq / DeskPro 4000	Pentium II	440LX	Not available
CSS LAB / 7420	Pentium III	440BX	Not available
Dell / Dimension H266	Pentium II	440FX	BIOS 1.00.02.DT0J
Dell / Dimension XPS B500R	Pentium III	820	Phoenix BIOS version A09
Dell / Dimension XPS D300	Pentium II	440LX	Phoenix BIOS 4.0 Rev 6.0
Dell / Dimension XPS D450	Pentium II	440BX	Not available
Dell / Dimension XPS R400	Pentium II	440BX	Phoenix BIOS 4.0 Release 6.0,A03 (4S4EB0X1.10A.0008.P03) 04/18/98
Dell / Dimension XPS R450	Pentium II	440BX	Phoenix BIOS version A09
Dell / Dimension XPS T550	Pentium III	440BX	Phoenix BIOS version A04 (4S4EB2X0.10A.007.P05)
Dell / Dimension 4100	Pentium III	815E	Phoenix BIOS version not available
<b>NEW</b> Dell / OptiPlex GX400 <sup>VII</sup>	<b>Pentium 4</b>	<b>850i</b>	<b>A04</b>
Gateway / ALR 7200	Pentium II	440BX	Phoenix BIOS 4.0 release 6.00.4 (7/1/98)
Gateway / ALR 7200RD	Pentium II (Dual)	440BX	Phoenix BIOS 4.0 release 6.00.7 (10/16/98)
Gateway / G6-300	Pentium II	440LX	Phoenix BIOS 4.0 release 6.0 4A4LLOX0.15A.0008.P05.9709121806
Gateway / G6-450 E-5200	Pentium II	440BX	AMIBIOS Build 012-3/24/1998
Gateway / GP6-450	Pentium II	440BX	Phoenix BIOS 4.0 release 6.0 4W4SB0X0.15A.P04

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## Desktop Systems (continued)

Manufacturer / Model	Processor Type	Core Logic Chipset	BIOS Revision
Gateway / Performance 500	Pentium III	440BX	Phoenix BIOS 4.0 release 4W4SB0X0.15A.0013.P08
Gateway / Performance 1000 <sup>I, II, III</sup>	Pentium III	815	Phoenix BIOS version not available
Gateway / Performance 1300 <sup>II, VII</sup>	Pentium IV	850	Not available
HP / Vectra VL 7	Pentium II	440LX	Phoenix BIOS 4.0 Release 6.0 version 1.0, 01/20/98
IBM / Intellistation 6889	Pentium II	440BX	IBM NUKT29AUS 08/07/98

## Motherboards

Manufacturer / Model	Processor Type	Core Logic Chipset	BIOS Revision
ABIT / BX6	Pentium II / III	440BX	02/04/1999-I440BX-W977-2A69KA1JC-JH
ABIT / SA6 <sup>I, III, VII</sup>	Pentium III	815E	Not available
ABIT / VT6X4 <sup>I, III</sup>	Pentium III	VIA	AWARD BIOS version not available
AOpen / AX59PRO	AMD K6-2	MVP3	AWARD Modular BIOS V4.60PGA, R2.00, 12/14/1998
AOpen / AX63	Pentium II / III	440BX	AWARD AX63 1.00
ASUS / A7V133 <sup>I, III, VII</sup>	AMD Thunderbird	VIA	Not available
ASUS / CUBX	Pentium III	440BX	CUBX BIOS Version 1005. 04/24/2000
ASUS / CUR-DLS <sup>VII, VIII</sup>	Pentium III (S/D)	ServerSet III LE	CUR-DLS BIOS version 1005. 04/10/2001
ASUS / CUSL2	Pentium III	815E	CUSL2 BIOS version 1002. 04/24/2000
ASUS / MEW	Celeron	810	AWARD BIOS 1001
ASUS / P2B	Pentium III	440BX	AWARD Modular V. 4.51 ACPI BIOS Rev. 1008 2/3/1999
ASUS / P2B-D	Pentium III (S/D)	440BX	AWARD 09/15/98 1006/1008
ASUS / P2B-D2	Pentium III (Dual)	440BX	AWARD 09/15/98 1010

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Manufacturer / Model	Processor Type	Core Logic Chipset	BIOS Revision
ASUS / P2B-LS	Pentium III	440BX	AWARD BIOS 4.51PG ACPI BIOS Rev. 1008
ASUS / P2-L97 rev. 1.05	Pentium II	440LX	AWARD 4.51PG 12/02/97-i440LX-<P2L97>-00
ASUS / P2-99	Pentium III	440ZX	ACPI BIOS Rev. 1009.A
ASUS / P3B-F	Pentium III	440BX	AWARD 1004I440BXP3BF10/25/1999
ASUS / P3C-D	Pentium III	820	P3CD BIOS Version 1012
ASUS / P3C-E I, II	Pentium III	820	P3C-D BIOS Version 1020 05/04/2000
ASUS / P3C-LS	Pentium III	820	ACPI BIOS Rev. 1008
ASUS / P3V 133	Pentium III	VIA Apollo Pro133	P3V133 BIOS Release Version 1002 03/15/2000
ASUS / P4T III, VII	Pentium 4	850	P4T-M BIOS Ver. 1001 02/22/2001
A-Trend / ATC-6254M	Pentium III	440BX	AWARD BIOS V. 4.51PG V2
A-Trend / FW6280BXDR	Pentium III	440BX	AWARD BIOS version not available
DFI / P2XBL	Pentium III	440BX	AWARD / 2Mbit
EPoX / EP-BXBS	Pentium III	440BX	AWARD BIOS V. 4.51
Gigabyte / BX2000	Pentium III	440BX	AWARD BIOS V 1.6 07/01/1999-I440BX-8671-2A69KG0EC-00
Gigabyte / GA-5X	AMD K6-2	MVP3	AWARD Modular BIOS V4.51PG, GA-586 Rev. 1.08, 07/18/1998
Gigabyte / GA-5AX	AMD K6-2	MVP3	AWARD Modular BIOS V4.51PG Rev. 1.08
Gigabyte / GA-60XM7E I	Pentium III	815E	I815-ITE8712 07/06/2000
Gigabyte / GA-6BX	Pentium III (S/D)	440BX	AWARD v 4.51PG v. 2.4 02/10/1999
Gigabyte / GA-6BXDU	Pentium II / III	440BX	AWARD V4.51PG BIOS 2.3 01/25/99
Gigabyte / GA-6CX	Pentium III	820	6CXF3
Gigabyte / GA-6CXC	Pentium III	820	Not available
Gigabyte / GA-7ZM I, III	AMD-K7 Athlon	VIA KX133	Award BIOS F9 (Jul.25, 2000)
Intel / CA810	Celeron	810	AWARD V4.51PG not available
Intel / DK440LX NLX	Pentium II	440LX	BIOS Phoenix BIOS 4.0 Release 6.0 Rev 10 (07/31/98)

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### Motherboards (continued)

Manufacturer / Model	Processor Type	Core Logic Chipset	BIOS Revision
Intel / D815EEAAL <sup>I, III</sup>	Pentium III	815	Intel BIOS version EA81510A.86A.0014.P04.0006281357
Intel / D850GB <sup>VII</sup>	Pentium IV	850	Not available
Intel / MS440GX	Pentium II (Dual)	440GX	BIOS Phoenix BIOS 4.0 Release 6.0 (07/31/98)
Intel / MU440EX	Pentium II	440EX	Phoenix BIOS 4.0 release 6.0, 4M44E0X1.86A.0004.P03
Intel / OR840 <sup>I, II, IV</sup>	Pentium III (Dual)	840	Intel BIOS version not available
Intel / RC440BX	Pentium III	440BX	Phoenix BIOS 4.0 release 6.0, 4R4C B0XA 86A0009PO3
Intel / SE440BX	Pentium II	440BX	Phoenix BIOS 4.0 release 6.0, 4SEB0X1.86A.0011.P04 (03/11/98)
Intel / SE440BX-2	Pentium II	440BX	Phoenix BIOS 4.0 release 6.0, 0 4S4EB2X0.86A.0012.P05
lwill / DBL100	Pentium II / III (Dual)	440BX	AWARD BIOS V4.51PG DBL100 - 31350A (Jan 21, 1999)
lwill / LE370	Celeron	440LX	AWARD V4.51 LE370-31240A
lwill / W02 <sup>VII, VIII</sup>	Pentium III	815e	W02 / 32011A
QDI / P6I440BX/B1S	Pentium II / III	440BX	P6I440BX/B1S V1.4 APRIL 8 1999
Shuttle / HOT 681Z	Celeron	440ZX	AWARD BIOS v 4.51 i440BX-W977-2A69KH2EC 1/22/1999
SuperMicro / P6DGE	Pentium II (Dual)	440GX	AMI BIOS R1.362-0101-006389-00101111-071595-440BX/GX-0AAMH501-H
SuperMicro / P6SBA	Pentium II / III	440BX	AMI BIOS R1.5b 62-0101-006389-00101111-071595-440BX/GX-0AAMH301-H
Soyo / SY-6BA	Pentium II / III	440BX	AWARD v. 4.51 BA-2AA
Tyan / 440BX Tiger	Pentium II	440BX	AMI BIOS Tyan Tiger 100 V1.12
Tyan / Tiger 2 S1692D	Pentium II (Dual)	440LX	DMI VERSION20, AUG 24, 1995 version 1.09
Tyan / Tiger 100	Pentium II (Dual)	440BX	AMI BIOS TYAN TIGER V1.12
Tyan / Tiger 100 S1832DL	Pentium III (Dual)	440BX	AMI BIOS BX32116A
Tyan / Tiger 100 S1836S/D	Pentium III (Dual)	440GX	AMI BIOS TYAN Thunder 100 v. 1.16B
Tyan / Trinity K7 (S2380) <sup>I, II</sup>	AMD-K7 Athlon	VIA KX133	AWARD BIOS S2380 V1.02A 5/5/2000

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### Industrial Computers

Manufacturer / Model	Processor Type	Core Logic Chipset	BIOS Revision	BT*
ICS / FCLX0256	Pentium II	440LX	AMI DMI version 2.0 (07/15/95)	H
Portwell / ROBO-618	Pentium II	440BX	AMI BIOS 07/15/95 DMI ver 2.0, Aug 24 1995 ROBO-6 (Rev 1.00)	A
TMC / T16NFK-1.00	Pentium II	440FX	AMI BIOS T16NFK-K1-0214	--
Teknor / PCI.936	Pentium	430HX	AWARD BIOS 4.51PG TEKNOR customized BIOS V2.6	G
Texas Micros / 3213P-300W	Pentium PRO	440FX	Phoenix BIOS 4.05.FX	Not available
Texas Micro / PF5233 HX	Pentium (MMX)	430HX	Phoenix BIOS version4.05 07/24/98	E & F
Texas Micro / P2300(D)FX/512	Pentium II (Dual)	440FX	Phoenix BIOS 4.0 release 6.0FX, P2300FX 4.06.1.1c (05/01/98)	E & F
Trenton / CBI	Pentium III	440BX	AMIBIOS Build 11	Not available
Trenton / P2BX/400	Pentium II	440BX	AMIBIOS Build 13 (08/13/98)	C
Trenton / P2LX/233	Pentium II	440LX	DMI version 2.0 (July 15, 95)	C & D
Trenton / SLE <sup>VII</sup>	Pentium III	ServerSet III LE	AMI BIOS 08	Not available
Trenton / TRDP2/450	Pentium II (Dual)	440BX	AMI BIOS Build 0004 (08/26/1998)	C
Trenton / TR-DP65/200	Pentium PRO (Dual)	440FX	AMI BIOS 07/15/95-R	C & D
Trenton / TR-T2 PCI 233 0M	Pentium (MMX)	430HX	DMI version 2.0 (Aug 24, 95)	C & D
Trenton / TR-T2 PCI 200	Pentium (MMX)	430HX	DMI version 2.0 (July 15, 95)	C & D

\* Identifies the backplane(s) in which the industrial SBC was tested.

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### Backplanes

ID	Manufacturer / Model	ISA slots	PCI slots	PCI-PCI bridges
A	Portwell / PBP-14A7	7	7	(1) 21052-AB
B	Portwell / PBP-08P4	4	4	None
C	Trenton / BP3 16T-ISA PCI	2	16	(3) DEC 21152-AA, (1) DEC 21150-AA
D	Trenton / TR-BP7 6T-2.1	6	6	(1) DEC 21152-AA
E	Texas Micro / PCA 5/2/6 PCI/ISA	6	6	(1) DEC 21150-AA
F	Texas Micro / PCA 3ISA/ICPU/6PCI	3	6	(1) DEC 21150-AA
G	Teknor / 6PCI/6ISA/1CPU	6	6	(1) DEC 212052-AB
H	Industrial Computer Source / BP12-0559 Rev A	6	6	(1) DEC 21152

**For notes listed below, contact Matrox Imaging Technical Support to verify compatibility of your configuration.**

- I. Not compatible in all display modes (i.e., DualHead, DualScreen) under all operating systems.
- II. Not compatible in all display modes (i.e., DualHead, DualScreen) with all graphics boards.
- III. Not compatible in all multi-board configurations.
- IV. Tested under Windows 2000 only.
- V. Tested under Windows NT only.
- VI. Tested with MIL 6.1.
- VII. Tested Pulsar-LC only.
- VIII. Not compatible under all operating systems.

**For more information, please call: 1-800-804-6243 (toll-free in North America) or 514-822-6061, e-mail [imaging.info@matrox.com](mailto:imaging.info@matrox.com) or visit our web site at <http://www.matrox.com/imaging>**

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