

Matrox Meteor-II/Digital 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 Meteor-II/Digital frame grabber board. Compatibility is defined as the general ability of the Matrox Meteor-II/Digital 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 ^{2,3,7} | Dimension 4100 | Intel Pentium-III | Intel 815E | 5V PCI / AGP | - | |
| Dell ^{2,3,7} | Optiplex GX240 | Intel Pentium 4 | Intel 845 | 5V PCI / AGP | A02 | |
| Dell ^{4,7} | Optiplex GX280 | Intel Pentium 4 | Intel 915G | 5V PCI / PCIe | A07 | |
| Dell ^{2,3,7} | Optiplex GX400 | Intel Pentium 4 | Intel 850 | 5V PCI / PCIe | A03 | |
| Dell ^{3,4,7} | PowerEdge 2600 | Intel Xeon (Dual) | Intel E7500 | 5V PCI / 3.3V PCI / PCI-X | A02 | |
| Dell ^{3,4,7,10} | Precision 380 | Intel Pentium 4 | Intel 955X | 5V PCI / PCIe | A04 | |
| Dell ^{3,4,7} | Precision 470 | Intel Xeon | Intel E7525 | 5V PCI / PCI-X / PCIe | A01 | |
| Dell ^{4,7} | Precision 490 | Intel Xeon 5000 series | Intel 5000x | 5V PCI / PCI-X / PCIe | A03 | |
| Dell ^{2,3,7} | Precision 530 | Intel Xeon (Dual) | Intel 860 | 5V PCI / 3.3V PCI / AGP 4X | A06 | |
| Dell ^{3,4,7} | Precision 670 | Intel Xeon | Intel E7525 | 5V PCI / PCI-X / PCIe | A06 | |
| Dell ^{4,7} | Precision 690 | Intel Xeon 5000 series | Intel 5000x | 5V PCI / PCI-X / PCIe | A01 | |
| Dell ^{7,14} | Precision T3400 | Intel Core 2 Quad | Intel X38 | 5V PCI / PCIe | A04 | |

Matrox Meteor-II/Digital PC Compatibility List June 7, 2011

Desktop systems (cont.)

| Manufacturer | Model | Processor | Chipset | Slot type(s) | BIOS revision |
|--------------------------------|------------------|------------------------|-------------|----------------------|-------------------|
| Gateway ^{2, 3, 7} | Performance 1300 | Intel Pentium 4 | Intel 850 | - | - |
| Gateway ^{2, 3, 4, 7} | 500x | Intel Pentium 4 | Intel 845 | 5V PCI / AGP | P02 |
| HP ^{2, 3, 4, 6, 7, 8} | xw8000 | Intel Xeon (Single) | Intel E7505 | 5V PCI / PCI-X / AGP | 8X JQW105US rev.A |
| HP ^{7, 14} | Z600 | Intel Xeon 5000 series | Intel 5520 | 5V PCI / PCIe | 108 |
| HP ^{7, 10, 14} | Z800 | Intel Xeon 5000 series | Intel 5520 | 5V PCI / PCIe | 01.17 |

Motherboards

| Manufacturer | Model | Processor | Chipset | Slot type(s) | BIOS revision |
|--------------------------------|---------------|---------------------|------------------|----------------------------|---------------|
| Abit ^{2, 3, 5, 6, 7} | VP6 | Intel Pentium-III | VIA 694 | 5V PCI / AGP | UR |
| ASUS ^{2, 3, 4, 7} | A7M266-D | AMD Athlon MP | AMD 760MPX | 5V PCI / 3.3V PCI / AGP 4X | 1010 |
| ASUS ^{2, 3, 5, 7} | A7V133 | AMD Athlon VIA | KT133A | PCI / AGP 4X / ISA | 1004 |
| ASUS ^{2, 3, 7} | CUR-DLS | Intel Pentium-III | ServerSet IIIILE | - | 1005 |
| ASUS ^{2, 3, 4, 7, 10} | PP-DLW | Intel Xeon (Single) | Intel E7505 | 5V PCI / PCI-X / AGP 8X | 028 |
| ASUS ^{2, 3, 4, 7} | 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, 7} | P4T | Intel Pentium 4 | Intel 850 | PCI / AGP 4X | 1001 |
| ASUS ^{4, 7} | P5WDG2 WS Pro | Intel Core 2 Duo | Intel 975X | 5V PCI / PCI-X / PCIe | 8005 |

Matrox Meteor-II/Digital PC Compatibility List June 7, 2011

| Motherboards (cont.) | | | | | |
|---------------------------------|-----------|----------------------|-------------|-----------------------|-----------------------------|
| Manufacturer | Model | Processor | Chipset | Slot type(s) | BIOS revision |
| ASUS ^{7, 14} | P6X58D-E | Intel Core i7 | Intel X58 | 5V PCI / PCIe | 502 |
| Intel ^{2, 3, 4, 7} | D845BG | Intel Pentium 4 | Intel 845 | PCI / AGP | P01 |
| Intel ^{2, 3, 4, 7} | D850MV | Intel Pentium 4 | Intel 850 | PCI / AGP 4X | 1.2a |
| Intel ^{2, 3, 4, 7, 10} | D875PBZ | Intel Pentium 4 | Intel 875P | 5V PCI / AGP 8X | P16 |
| Intel ^{3, 4, 7, 11} | D915GEV | Intel Pentium 4 | Intel 915G | 5V PCI / PCIe | 0332 |
| Intel ^{3, 4, 7, 10} | D925XCV | Intel Pentium 4 | Intel 925X | 5V PCI / PCIe | 0338 |
| Intel ^{4, 7, 10} | D975XBX | Intel Core 2 Duo | Intel 975X | 5V PCI / PCIe | BX9750j.86.A1478 |
| Intel ^{4, 7} | D975XBX2 | Intel Core 2 Duo | Intel 975X | 5V PCI / PCIe | BX97520j.86A.2770.0613.1403 |
| Intel ^{7, 14} | DP45SG | Intel Core 2 Quad | Intel P45 | 5V PCI / PCIe | 0102 |
| Intel ^{7, 14} | DP55KG | Intel Core i5 | Intel P55 | 5V PCI / PCIe | 4507 |
| Intel ^{7, 14} | DP67BG | Intel Core i5 series | Intel P67 | 5V PCI / PCIe | 1569 |
| Intel ^{4, 7, 10} | DQ965GL | Intel Pentium D | Intel Q965 | 5V PCI / PCIe | CO96510j.86A.5975 |
| Intel ^{4, 7, 14} | DX48BT2 | Intel Core 2 Quad | Intel X48 | 5V PCI / PCIe | 1521 |
| Intel ^{3, 4, 7} | SE7525GP2 | Intel Xeon | Intel E7525 | 5V PCI / PCI-X / PCIe | P10 |
| Intel ^{2, 3, 4, 7} | SHG2 | Intel Xeon (Single) | Intel E7505 | 5V PCI / PCI-X | 1.08 |
| Iwill ^{2, 3, 7} | WO2 | Intel Pentium-III | Intel 815E | - | 02.27.2001 |

Matrox Meteor-II/Digital PC Compatibility List June 7, 2011

| Motherboards (cont.) | | | | | |
|------------------------------------|-----------------------------|------------------------|-------------------|----------------------------|---------------|
| Manufacturer | Model | Processor | Chipset | Slot type(s) | BIOS revision |
| MSI ^{3, 7, 10} | E7505 Master-LS2 (MS-9121) | Intel Xeon (Single) | Intel E7505 | 5V PCI / PCI-X / AGP 8X | 1.1 |
| SuperMicro ^{2, 3, 4, 7} | P4DC6 | Intel Xeon (Dual) | Intel 860 | 5V PCI / 3.3V PCI / AGP 4X | 1.0A |
| SuperMicro ^{2, 3, 4, 7} | P4DSE | Intel Xeon | ServerWorks GC-SL | 5V PCI / PCI-X | 1.0C |
| SuperMicro ^{3, 4, 7, 10} | P4SCT | Intel Pentium 4 | Intel 875P | 5V PCI / PCI-X / AGP 8X | 1.0C |
| SuperMicro ^{4, 7, 10, 13} | PDSBA | Intel Core 2 Duo | Intel G965 | 5V PCI / PCIe | 1.0c |
| SuperMicro ^{2, 3, 4, 7} | X5DAE | Intel Xeon (Dual) | Intel E7505 | 5V PCI / PCI-X / AGP 8X | 1.0b |
| SuperMicro ^{3, 4, 7, 12} | X6DAE-G | Intel Xeon | Intel E7525 | 5V PCI / PCI-X / PCIe | 1.3a |
| SuperMicro ^{3, 4, 7} | X6DHE-G2 | Intel Xeon | Intel E7520 | PCI-X / PCIe | 1.3c |
| SuperMicro ^{4, 7} | X7DAE-O | Intel Xeon 5000 series | Intel 5000X | 5V PCI / PCI-X / PCIe | 2.0 |
| Supermicro ^{7, 14} | X8DAE | Intel Xeon 5000 series | Intel 5520 | PCI-X / PCIe | 80015 |
| Trenton ^{7, 14} | NTM6900 | Intel Xeon 5000 series | Intel 5520 | 5V PCI / PCIe | 8.00.16 |
| Tyan ^{3, 4, 7, 10} | Thunder K8WE (S2895) | AMD Opteron | AMD 8131 | 5V PCI / PCI-X / PCIe | 1.01.2895 |
| Tyan ^{2, 3, 4, 7} | Tiger Thunder i7500 (S2720) | Intel Xeon (Dual) | Intel E7500 | 5V PCI / 3.3V PCI-X | V1.2 |

Matrox Meteor-II/Digital PC Compatibility List June 7, 2011

| Industrial computers (SHB) | | | | | |
|-----------------------------------|-------------|-------------------|-------------------|------------------|------------------|
| Manufacturer | Model | Processor | Chipset | Backplane tested | BIOS revision |
| Kontron ^{2,3,4,7} | ePCI-200 | Intel Pentium 4 | ServerWorks GC-SL | D | 2.0 |
| Trenton ^{4,7} | MCXT (6633) | Intel Xeon | Intel E5000P | F | 08.06.15 |
| Trenton ^{3,4,7,10} | NLT (6313) | Intel Xeon | Intel E7520 | E | TTIGFL21 6-15-05 |
| Trenton ^{2,3,7} | SLE (5891) | Intel Pentium-III | ServerSet-III LE | - | - |
| Trenton ^{2,3,4,7} | ULE (5927) | Intel Pentium-III | ServerSet-III LE | A | - |
| Trenton ^{2,3,4,7} | XPI (6022) | Intel Xeon | Intel E7500 | B | 07/15/95 |
| Trenton ^{2,3,4,7,9} | XPT (6090) | Intel Xeon (Dual) | Intel E7501 | C | TTIBY016 |

| Backplanes | | | | |
|-------------------|--------------|-----------------|--------------------------|---|
| ID | Manufacturer | Model | Slot type(s) | PCI/PCIe/PCI-X bridge(s) |
| A | Trenton | BP3-16T-ISA-PCI | PCI / ISA | (3) DEC 21152-AA / (1) DEC 21150-AA |
| B | Trenton | BP3/2/4/4 | 5V PCI / 3.3V PCI / ISA | (2) Intel 21154 / (1) Intel 21152 |
| C | Trenton | BP 1/1/2/4/4 | PCI-X / 5V PCI / ISA | (1) Intel 21154 |
| D | Kontron | eBP-11A4B6 | PCI-X / 5V PCI | (2) PLX PCI 6540 |
| E | Trenton | BPX 3/8 (6377) | x8 PCIe / PCI-X / 5V PCI | (1) Intel 41210 (PCIe), (1) Intel 21154 (PCI) |
| F | Trenton | BPX6620 | x8 PCIe / PCI-X / 5V PCI | (3) Intel 41210 (PCIe) |

Matrox Meteor-II/Digital PC Compatibility List June 7, 2011

This section intentionally left blank!

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 under Windows NT 4.0 with non-Matrox VGA.
9. On-board VGA cannot be used as Imaging display.
10. Not compatible in all slots (e.g., obstruction, failure to grab).
11. MTXDMA issue under MIL/MIL-Lite 7.5. Please contact Matrox Imaging Technical Support for assistance.
12. Known booting issue with certain PCIe graphics boards. Please contact Matrox Imaging Technical Support for assistance.
13. Requires Hot Fix. Please contact Matrox Imaging Technical Support for assistance.
14. 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/>
Intel, Core, and Xeon are registered trademarks of Intel Corporation. AMD and Opteron are trademarks of AMD © Matrox Electronic Systems Ltd., 2011.

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