Drive Multi-Display Applications with Extraordinary Performance

Matrox M-Series multi-display graphics cards support up to eight high-resolution monitors from a single board and deliver advanced desktop management features to drive productivity, collaboration, and stability across business, industrial, and government applications.

Key features:

- **Up to 2 GB of memory**
  For enhanced performance in demanding multi-monitor applications.

- **Native PCI Express (PCiE) x16 performance**
  Maximum bandwidth to ensure best performance.

- **Joined graphics card mode**
  Add multiple M-Series cards to support up to 16 monitors from a single computer.

- **DisplayPort™, DVI, and Analog support**
  Select from a variety of graphics cards to suit your requirements.

- **Pristine image quality for high resolution monitors**
  DisplayPort™ and dual-link DVI cards support up to 2560 x 1600; DVI single-link/analog cards support up to 1920 x 1200.

- **Low profile and ATX form factors**
  To fit in a wide variety of systems.

- **Stretched and independent desktop modes**
  Supported in Microsoft® Windows® 7, Vista®, and XP.

- **Edge Overlap for multi-projector blending**
  Included with Matrox PowerDesk desktop management software, supported by Matrox Windows 7 WDDM drivers (version 4.x).

- **Easy deployment and wide enterprise flexibility**
  Unified driver package compatible with other Matrox products.

- **Multiple operating system support**

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1 Operating system, system hardware, and driver compatibility need to be verified for large monitor configuration arrays.

matrox.com/graphics
Find out which card is right for you.
For complete product specifications and details, please visit www.matrox.com/graphics.

### PowerDesk Software Features available with all M-Series Graphics Cards

- Stretched (spanned) Desktop
- Independent Mode
- Edge Overlap for multi-projector blending
- Desktop Divider
- Matrox Pivot (Display Rotation)
- Matrox Clone
- Desktop Zoom with Feature Display
- Advanced Desktop Management
- Bezel Management
- Mode Management
- Unattended Install (User Profiles)
- M-Series multi-card support
- Joined graphics card mode

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**Table:**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Dual Monitor ATX</th>
<th>Dual Monitor Low Profile</th>
<th>Triple Monitor Low Profile</th>
<th>Quad Monitor Low Profile</th>
<th>Octal Monitor ATX</th>
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<tbody>
<tr>
<td>M9120 PCIe x16</td>
<td>M9125 PCIe x16</td>
<td>M9120 Plus PCIe x16</td>
<td>M9120 Plus LP PCIe x1</td>
<td>M9128 LP PCIe x16</td>
<td>M9138 LP PCIe x16</td>
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<td>M9140 LP PCIe x16</td>
<td>M9148 LP PCIe x16</td>
<td>M9188 PCIe x16</td>
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<table>
<thead>
<tr>
<th>Bus Type</th>
<th>PCIe x16</th>
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<tbody>
<tr>
<td>Graphics Memory</td>
<td>512MB</td>
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<tr>
<td>Card Form Factor</td>
<td>ATX / ATX</td>
<td>LP / LP</td>
<td>LP / ATX</td>
<td>LP / ATX</td>
<td>ATX</td>
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<td>Extra bracket in the box</td>
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<tr>
<td>Card Dimensions1</td>
<td>6.6” (L) x 4.376” (H)</td>
<td>6.6” (L) x 4.376” (H)</td>
<td>6.6” (L) x 2.7” (H)</td>
<td>6.6” (L) x 2.7” (H)</td>
<td>6.6” (L) x 2.7” (H)</td>
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<tr>
<td>Connectors</td>
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<td>2 x DVI-I</td>
<td>LP</td>
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<td>Adapter Cables</td>
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<td>—</td>
<td>LFH-60</td>
<td>LFH-60</td>
<td>3 x miniDP</td>
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<tr>
<td>Connector Adapters</td>
<td>2 DVI-I to HD15</td>
<td>2 DVI-I to HD15</td>
<td>2 DVI-I to HD15</td>
<td>2 DVI-I to HD15</td>
<td>3 x miniDP to DP</td>
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<tr>
<td>Max Display Outputs per Card</td>
<td>2</td>
<td>2</td>
<td>(4 with quad analog upgrade cable)</td>
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<td>4</td>
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<tr>
<td>Max Resolution per Output</td>
<td>DVI DisplayPort™</td>
<td>1920x1200</td>
<td>1920x1200</td>
<td>1920x1200</td>
<td>DP to DVI-D</td>
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<td>Unified Driver Package</td>
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<td>Quad analog output cable (CAB-L60-40AF™)</td>
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</table>

1 Card size = length, not including bracket and bracket connector x height, including slot connector. Card width is within specifications for a single card of the given type. 2 Requires DP to DVI-D cable (sold separately). 3 M-Series cards support a wide range of Linux operating systems. Refer to the README file in the driver download section for compatible Linux distributions or contact Matrox directly. 4 Please visit the Matrox web site for full product Limited Warranty information.

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Learn More or Purchase
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