

# Matrox **Display Driver Release Notes**

For display driver version 3.02.00 (WDDM)

20107-401-0100  
2009.11.02

[www.matrox.com/graphics](http://www.matrox.com/graphics)

**matrox**<sup>®</sup>  
Graphics for Professionals

---

# Contents

|          |                                                |          |
|----------|------------------------------------------------|----------|
| <b>1</b> | <b>Overview .....</b>                          | <b>3</b> |
|          | What's new in this release .....               | 3        |
| <b>2</b> | <b>Driver Changes in Version 3.02.00 .....</b> | <b>4</b> |
|          | Fixed issues .....                             | 4        |
|          | Notes and limitations.....                     | 4        |
|          | Unsupported features .....                     | 4        |
| <b>3</b> | <b>Display Driver Information.....</b>         | <b>5</b> |
|          | Display drivers included in this package ..... | 5        |
|          | Supported Matrox hardware .....                | 5        |
|          | Supported operating systems .....              | 5        |
|          | Supported languages.....                       | 5        |
| <b>4</b> | <b>Display Driver Installation.....</b>        | <b>6</b> |
|          | Minimum hard disk space required.....          | 6        |
|          | Before you begin .....                         | 6        |
|          | Downloading the display driver .....           | 6        |
|          | Installing the display driver .....            | 6        |
| <b>5</b> | <b>Contact Us .....</b>                        | <b>7</b> |
| <b>6</b> | <b>Disclaimer .....</b>                        | <b>8</b> |

---

# 1 Overview

This document describes the current release of the Matrox display driver (v. 3.02.00) for Microsoft Windows operating systems. Matrox provides these notes to describe bug fixes and improvements to PowerDesk software and to the display driver.

---

## What's new in this release

This section describes the latest features added to this version of the display driver.

### Support for Windows 7

The 3.02.00 display driver package now supports Windows 7.

### Support for new Matrox M9128 LP PCIe and M9188 PCIe graphics cards

The 3.02.00 display driver package adds support for new DisplayPort graphics cards.

The Matrox M9128 LP PCIe is a low-profile card that supports up to two monitors and can be paired with another M-Series graphics card. The Matrox M9188 PCIe is a single-slot PCIe ×16 graphics card that supports up to eight monitors.

### PowerDesk features new to the 3.02.00 display driver

- **Mode Management** – Mode management provides increased resolution support by enabling you to select display modes not provided by default in your monitor's EDID. This means that you can access a variety of wide-screen resolutions, video timings, and refresh rates.
- **Bezel Management** – Using Bezel management you can adjust an image stretched across multiple monitors to compensate for the physical space created by the bezels of your monitors. The result is an image that appears seamlessly across your monitors.

### Support for GXM products

The 3.02.00 display driver package adds support for GXM (DualHead2Go and TripleHead2Go) products. Users of Matrox M-Series graphics hardware can now add a GXM product to their existing multi-monitor setup.

---

## 2 Driver Changes in Version 3.02.00

---

### Fixed issues

- Certain video clips may not play properly on Windows Media Player 11. [22344]

---

### Notes and limitations

- **Windows Vista** – For Matrox PowerDesk software to work properly, Service Pack 2 for Windows Vista must first be installed on your system.
- **Windows 7** – Using Windows options to duplicate or change the orientation of your displays isn't supported.
- On some systems, it may take several minutes to apply large multi-display setups (for example, when applying a 4 × 2 layout in stretched mode using two graphics card in joined mode).
- While using OpenGL hardware acceleration, we recommend you close your OpenGL software before changing your display setup (for example, refresh rate, display resolution, or color depth). You may experience problems if OpenGL software is running while your display setup is changed.
- **Windows 7/Vista** – Certain Direct3D programs may not properly support some multi-card configurations.
- When using a Dell 2408 monitor with a DVI-to-Mini DisplayPort adapter, the monitor's EDID isn't properly read. We recommend changing the monitor's input source to use DVI-D. This will re-detect the monitor.

---

### Unsupported features

- **Windows 7** – While using Matrox PowerDesk software certain limitations may apply. For example, clone and stretched modes aren't supported.

---

# 3 Display Driver Information

---

## Display drivers included in this package

This driver release is a unified package. This package contains drivers for the following products.

| <b>Matrox Graphics Products</b> | <b>Display Driver Version</b> |
|---------------------------------|-------------------------------|
| M-Series                        | 3.02.00.092 WHQL              |

---

## Supported Matrox hardware

This package supports the following Matrox products.

---

### Matrox Graphics Products

M-Series  
Graphics Expansion Modules (GXMs)\*

\* USB-based versions only.

---

## Supported operating systems

This driver package supports the following Windows operating systems.

---

### 3.02.00.092

Windows 7 (32-bit, 64-bit)  
Windows Vista (32-bit, 64-bit)  
Windows Server 2008 R1/R2

---

## Supported languages

This driver package supports the following languages:

- English

---

# 4 Display Driver Installation

---

## Minimum hard disk space required

We recommend you have 55 MB of free space available on your hard disk.

---

## Before you begin

If a Matrox display driver is already installed, we recommend you uninstall your current Matrox software before updating your driver version.

To uninstall Matrox software:

Windows 7/Vista –

- 1 Click **Start** → **Settings**\* → **Control Panel** → **Programs**\* → **Programs and Features** → **Matrox PowerDesk-SE** → **Uninstall** → **Yes**. (\* Depending on your version and configuration of Windows, this part of the step may not be necessary.)
- 2 Click **Matrox Driver** (or **Matrox M-Series Driver**) → **Uninstall/Change** → **Yes**.

---

## Downloading the display driver

Matrox makes the latest display drivers available on the Matrox Web site ([www.matrox.com/graphics/support/drivers](http://www.matrox.com/graphics/support/drivers)).

---

## Installing the display driver

If a CD was provided with your Matrox product, insert the Matrox installation CD-ROM in your CD-ROM drive, and follow the on-screen instructions.

If a CD wasn't provided with your Matrox product, download the latest display driver from the Matrox Web site, and follow the on-screen instructions to install your display driver.

---

## 5 Contact Us

The Matrox Web site has product literature, press releases, technical material, a sales office list, trade show information, and other relevant material. Visit us at [www.matrox.com/graphics](http://www.matrox.com/graphics).

If you have any questions or comments about our products or solutions, contact us at [www.matrox.com/graphics/contact](http://www.matrox.com/graphics/contact).

---

## 6 Disclaimer

Information in this document may contain technical inaccuracies or typographical errors. Information may be changed or updated without notice. Matrox reserves the right to make improvements and/or changes in the products, programs and/or specifications described in this information at any time without notice. All trademarks and trade names, service marks and logos referenced herein belong to their respective owners.

Copyright © 2009 Matrox is a registered trademark of Matrox Electronic Systems Ltd. All rights reserved.



**Matrox Graphics Inc.**

1055 Saint Regis Boulevard  
Dorval, Quebec, Canada H9P 2T4

North America: 1-800-361-1408

International: (514) 822-6000

Email: [graphics@matrox.com](mailto:graphics@matrox.com)

Web site: [www.matrox.com/graphics](http://www.matrox.com/graphics)

Technical support:

[www.matrox.com/graphics/support](http://www.matrox.com/graphics/support)

To locate the sales office nearest you, visit

[www.matrox.com/graphics/contact](http://www.matrox.com/graphics/contact)

**matrox**<sup>®</sup>  
Graphics for Professionals