

Matrox **Display Driver Release Notes**

For display driver version 4.00.04 (WDDM)

20116-401-0104
2011.04.08

www.matrox.com/graphics

matrox[®]
Graphics for Professionals

Contents

1	Overview	3
	What's new in this release	3
2	Driver Changes in Version 4.00.04	5
	Fixed issues	5
	Notes and limitations.....	5
3	Display Driver Information.....	6
	Display drivers included in this package	6
	Supported Matrox hardware	6
	Supported operating systems	6
	Minimum system requirements	7
	Supported languages.....	7
4	Display Driver Installation.....	8
	Minimum hard disk space required.....	8
	Before you begin	8
	Downloading the display driver	8
	Installing the display driver	8
5	Contact Us	9
6	Disclaimer	10

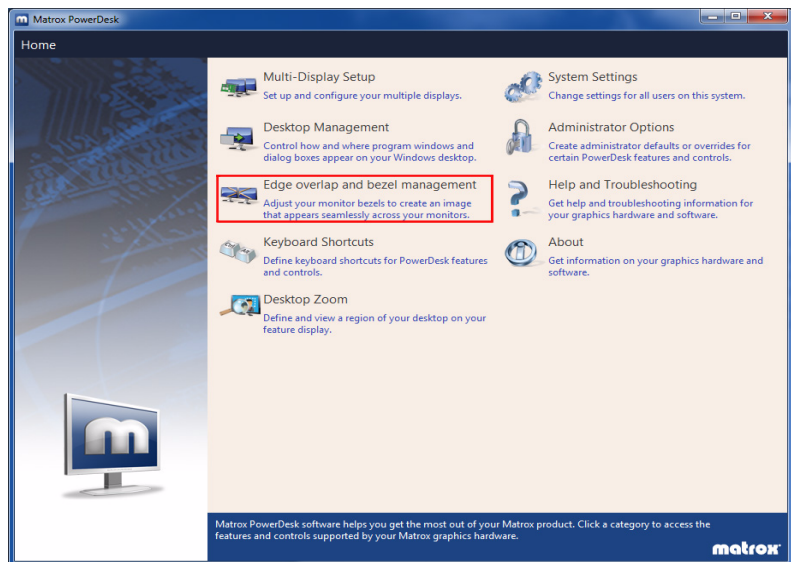
1 Overview

This document describes the current release of the Matrox display driver (v. 4.00.04) 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.

New PowerDesk features



- **Edge overlap and bezel management** – This driver version adds *Edge overlap* to the existing *Bezel management* feature. Edge overlap and bezel management enable you to adjust an image that can sometimes appear misaligned on a multi-display stretched desktop. With edge overlap, you can adjust the number of overlapping pixels between displays. With bezel management, you can adjust the image 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 Extio F2208, Extio F2408, and Extio F2408E Expander

Matrox announces the new Extio 2208, Extio F2408, and Extio F2408E Expander products, capable of supporting up to four high-resolution displays (depending on the product) and delivering uncompromised performance up to 1 kilometer from the host computer. For more information, see www.matrox.com/graphics.

2 Driver Changes in Version 4.00.04

Fixed issues

- On the PowerDesk **Multi-Display Setup** page, no preview appears in the work area. [23114]
- Corruption may occur while running certain full-screen programs designed for DirectX 10. [23714, 25241]
- While running Google Earth, Windows Aero isn't supported. [24774]
- After joined mode is enabled, edge overlap isn't removed from all displays. [24940]
- On the PowerDesk **Edge Overlap and Bezel Management** page, using large fonts causes the percentage dialog box page to disappear. [24970]
- Installing a newer version of the Matrox display driver over an older version of the Matrox display driver without overwriting the previous display driver settings causes the multi-display settings to be lost. [25007]

Notes and limitations

- While using multiple input sources on your DisplayPort monitor (for example, connecting to the DisplayPort connector *and* a DVI, HD-15, or HDMI connector on your monitor), certain models of DisplayPort monitors (such as Lenovo) may not be properly detected. To fix this, we recommend disconnecting the DisplayPort monitor from any non-DisplayPort connector.
- While using two graphics cards in joined mode, edge overlap isn't supported.
- While using two Matrox M9188 graphics cards in joined mode with certain HP systems (xw6400, xw6600, xw8400, and xw8600), not all 16 outputs may be available. To fix this, we recommend changing the configuration of your computer BIOS so that the slot type of your secondary Matrox M9188 graphics card has priority for becoming the primary display. For information on how to change your computer BIOS settings, see your system manual.
- **Extio F2408** – Adding an Expander unit to your Extio setup may cause PowerDesk to crash or to not start. A possible workaround is to restart your system after connecting your Expander unit.

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.

Matrox Graphics Products	Display Driver Version
M-Series	4.00.04.088 (WHQL)
Extio Series (Extio F2208, F2408, and F2408 Expander only.)	4.00.04.088 (WHQL)

Supported Matrox hardware

This package supports the following Matrox products.

Matrox Graphics Products

M-Series

Extio Series

(Extio F2208, F2408, and F2408 Expander only.)

Graphics Expansion Modules (GXMs)*

* USB-based versions only.

Supported operating systems

This driver package supports the following Windows operating systems.

4.00.04.088

Windows 7 (32-bit, 64-bit)

Windows Vista (32-bit, 64-bit)*

Windows Server 2008 (32-bit, 64-bit)*†

Windows Server 2008 R2 (64-bit)

* WDDM 1.0 support.

† Requires Service Pack 2.

Minimum system requirements

Depending on the number of monitors you're using and the display driver you're installing, we recommend the following minimum system requirements.

	XDDM Mode	WDDM Mode
Up to 8 monitors	Windows XP (x32 Edition), Service Pack 3, 2 GB RAM	Windows Vista (x32 Edition), Service Pack 2, 2 GB RAM
More than 8 monitors	Windows XP (x32 Edition), Service Pack 3, 3 GB RAM	Windows 7 (x64 Edition), 8 GB RAM

Supported languages

This driver package supports the following languages:

- English, French, German, Italian, Spanish

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. This will avoid any possible problems while installing your Matrox display driver.

To uninstall Matrox software:

Windows 7/Vista –

- 1 Click **Start** → **Settings*** → **Control Panel** → **Programs*** → **Programs and Features** → **Matrox PowerDesk** → **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).

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.

If you have any questions or comments about our products or solutions, contact us at 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 © 2011 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

Web site: www.matrox.com/graphics

Technical support:

www.matrox.com/graphics/support

To locate the sales office nearest you, visit

www.matrox.com/graphics/contact

matrox[®]
Graphics for Professionals