

Matrox **Display Driver Release Notes**

For display driver version 2.10.00 (XDDM)

20100-401-0112
2011.09.15

www.matrox.com/graphics

matrox[®]
Graphics for Professionals

Contents

1	Overview	3
	What's new in this release	3
2	Driver Changes in Version 2.10.00	4
	Fixed issues	4
	Notes and limitations.....	4
3	Display Driver Information.....	5
	Display driver package.....	5
	Minimum system requirements.....	6
	Supported languages.....	6
4	Display Driver Installation.....	7
	Minimum hard disk space required.....	7
	Before you begin	7
	Downloading the display driver.....	7
	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. 2.10.00) 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.

New PowerDesk features

- **Enable EDID caching** – Enable this feature to have PowerDesk cache the EDID settings and connection type of the monitors currently connected to your Matrox hardware. This feature makes it easier to set up a large number of monitors, especially when working with different types and models of monitors.

2 Driver Changes in Version 2.10.00

Fixed issues

- Blue screen may occur when moving a window across four displays. [22516]

Notes and limitations

- When using stereo glasses in a multi-display or multi-card setup, stereo is supported only on the first display, using either stretched or clone mode.
- Full-screen programs designed for versions of DirectX *earlier* than 8.0 may not support horizontal display resolutions higher than 2048. While using multiple displays in *stretched* mode, the horizontal resolution of each display is combined (for example, a combined triple monitor resolution could be as high as 3840 × 1024). As a result, the stretched mode resolutions you can use with such programs may be limited to resolutions lower than what your graphics hardware and display driver can support. Selecting an unsupported resolution within a program may cause the program to quit unexpectedly.
- 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.
- Under Windows XP/Vista, certain Direct3D programs may not properly support some multi-card configurations.
- While using eight displays in independent mode with at least one display rotated, or while your graphics cards are using joined mode, you may experience problems when starting a Microsoft PowerPoint presentation. To avoid this, we recommend disabling the “Reduce Tearing” feature. From the main interface of PowerDesk, click **Help and Troubleshooting** → **Troubleshoot**. Next to **Reduce tearing**, select **None**.

3 Display Driver Information

Display driver package

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

Supported hardware	Display drivers included	Supported operating systems			
		2.10.00.105 (WHQL)	2.10.00.105 (Non-WHQL)		
M-Series	2.10.00.105	Windows Server 2008 R1* (32-bit, 64-bit)	Windows Vista (32-bit, 64-bit)		
Extio Series (F2208, F2408, and F2408 Expander only)	2.10.00.105				
P-Series	2.07.01.006 (For P650 and P750, display driver version 2.06.03.001 is installed instead.)				
Parhelia Series (Excluding Parhelia Precision SDT, Parhelia Precision SGT, and Parhelia HR256)	2.06.03.001				
Extio Series (F1220, F1240, F1400, and F1420 only)	2.07.01.006				
QID Series	2.07.01.006 (For QID and QID Pro, display driver version 2.06.03.001 is installed instead.)			Windows Server 2008 R2†	Windows Server 2008 R1* (32-bit, 64-bit)
Epica Series	2.06.03.001			Windows Server 2003 (32-bit, 64-bit)	Windows Server 2008 R2*†
MMS Series (G200 or later)	6.00.006			Windows XP (32-bit, 64-bit)	Windows Server 2003 (32-bit, 64-bit)
G-Series (G200 or later)	6.00.006 (For G550 PCIe, display driver version 6.10.002 is installed instead.)				Windows XP (32-bit, 64-bit)
GXM	2.10.00.105				
Veos	2.10.00.105				

* XDDM mode. Requires Service Pack 2.

† Requires the Microsoft KB980731 hot fix or Service Pack 1. For more information, [see page 8](#).

‡ Supported only on certain hardware.

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

* For display resolutions above 1920 × 1200, we recommend a minimum of 4 GB of memory.

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-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**.

Windows XP –

- 1 Click **Start** → **Settings*** → **Control Panel** → **Add/Remove Programs** (double-click*) → **Matrox PowerDesk-SE** → **Change/Remove** → **Yes**.

(* Depending on your version and configuration of Windows, this part of the step may not be necessary.)

- 2 Click **Matrox Driver** → **Change/Remove** → **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



Note: Windows Server 2008 R1 requires Service Pack 2. For improved stability under Windows 7 (supported only on non-WHQL driver) and Windows Server 2008 R2 (XDDM mode), you must install the Microsoft KB980731 hot fix or Service Pack 1. *For more information and to download the hot fix*, visit <http://support.microsoft.com/kb/980731/en> and <http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnun=980731&kbln=en-us>.

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