

Matrox **Display Driver Release Notes**

For display driver version 2.09.04 (XDDM)

20100-401-0109
2010.11.18

www.matrox.com/graphics

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Graphics for Professionals

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1 Overview

This document describes the current release of the Matrox display driver (v. 2.09.04) 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

Support for Extio F2408

Matrox announces the new Extio F2408, supporting four high-resolution displays and delivering uncompromised performance up to 1 kilometer from the host PC. For more information, see www.matrox.com/graphics.

2 Driver Changes in Version 2.09.04

Fixed issues

- Windows XP – Corruption may occur while playing back WMV (Windows Media Video) files with certain media players. [24891]

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**.
- 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	2.09.04.061 WHQL
P-Series*	2.07.01.006 SE U WHQL
Parhelia Series†	2.06.03.001 SE U WHQL
Extio Series	2.07.01.006 SE U WHQL‡
QID Series§	2.07.01.006 SE U WHQL
Epica Series	2.06.03.001 SE U WHQL
MMS Series¶	6.00.006 WHQL
G-Series¶¶	6.00.006 WHQL

* For P650 and P750, display driver version 2.06.03.001 is installed.

† Excluding Parhelia Precision SDT, Parhelia Precision SGT, and Parhelia HR256.

‡ For Extio F2408, display driver version 2.09.04.061 is installed.

§ For QID and QID Pro, display driver version 2.06.03.001 is installed.

¶ G200 or later.

¶¶ For G550 PCIe, display driver version 6.10.002 is installed.

Supported Matrox hardware

This package supports the following Matrox products.

Matrox Graphics Products
M-Series
P-Series
Parhelia Series*
Extio Series
QID Series
Epica Series
MMS Series
G-Series†
Graphics Expansion Modules (GXMs)‡
Veos

- * Excluding Parhelia Precision SDT, Parhelia Precision SGT, and Parhelia HR256.
- † G200 or later.
- ‡ USB-based versions only.

Supported operating systems

This driver package supports the following Windows operating systems.

2.09.04.061

Windows 2000

Windows XP (32-bit, 64-bit)

Windows Server 2003 (32-bit, 64-bit)

Windows Server 2008 R1[†](32-bit, 64-bit)/R2[‡]

Windows Vista (32-bit, 64-bit)^{*†}

Windows 7 (32-bit, 64-bit)^{*‡}

Windows 7 (32-bit, 64-bit)^{*§}

* XDDM mode.

† Excluding Extio F2408.

‡ Requires the Microsoft KB980731 hot fix. For more information, [see page 9](#).

§ Supported only on M-Series products.

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. A system with PCI Express (PCIe) support
- 1 GHz 32-bit (x86) or 64-bit (x64) processor
- Windows 7 – 1 GB of RAM or higher
- Windows Vista – 512 MB of RAM or higher, Service Pack 2
- Windows XP – 128 MB of RAM or higher, Service Pack 3

	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.

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 7 – For improved stability under Windows 7 (XDDM mode), you must install the Microsoft KB980731 hot fix. *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?kbnum=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.

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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

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