

# Matrox **Display Driver Release Notes**

For display driver version 2.09.07 (XDDM)

20100-401-0111  
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[www.matrox.com/graphics](http://www.matrox.com/graphics)

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# 1 Overview

This document describes the current release of the Matrox display driver (v. 2.09.07) for Microsoft Windows operating systems. Matrox provides these notes to describe bug fixes and improvements to PowerDesk software and to the display driver.

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## What's new in this release

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

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# 2 Driver Changes in Version 2.09.07

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## Fixed issues

- Windows XP – Corruption may occur while playing back WMV (Windows Media Video) files with certain media players. [24891]
- Extio F2408 – While changing multi-display modes, there may be a long delay before the changes are applied. [24807]

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## 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**.
- 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.

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# 3 Display Driver Information

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## 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	2.09.07.088 WHQL
Extio Series (F2208, F2408, and F2408 Expander only)	2.09.07.088 WHQL
P-Series*	2.07.01.006 SE U WHQL
Parhelia Series†	2.06.03.001 SE U WHQL
Extio Series (F1220, F1240, F1400, and F1420 only)	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 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.

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## Supported Matrox hardware

This package supports the following Matrox products.

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### Matrox Graphics Products

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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.

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## Supported operating systems

This driver package supports the following Windows operating systems.

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### 2.09.07.088\*

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Windows XP (32-bit, 64-bit)

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

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

\* Windows 7/Vista are supported on the non-WHQL version of this display driver.

† XDDM mode. Requires Service Pack 2.

‡ Requires the Microsoft KB980731 hot fix or Service Pack 1. For more information, [see page 9](#).

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## 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.

	<b>XDDM Mode</b>	<b>WDDM Mode</b>
<b>Up to 8 monitors</b>	Windows XP (x32 Edition), Service Pack 3, 2 GB RAM*	Windows Vista (x32 Edition), Service Pack 2, 2 GB RAM*
<b>More than 8 monitors</b>	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.

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## Supported languages

This driver package supports the following languages:

- English, French, German, Italian, Spanish

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# 4 Display Driver Installation

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## Minimum hard disk space required

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

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## 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**.

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## 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)).



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## Installing the display driver



**Note:** Windows Server 2008 R1 requires Service Pack 2. For improved stability under Windows 7 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?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.

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## 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).

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