

Matrox™ **Display Driver Release Notes**

For display driver version 5.03.02

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www.matrox.com/graphics

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Graphics for Professionals

Overview

This document describes the current release of the Matrox display driver (v. 5.03.02) for Microsoft® Windows®. 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 release contains bug fixes and additional software enhancements and optimizations, and new features and options.

- **C900** – Added support for new layouts: 5x3 and 4x3 layouts are now supported while using two (2) C900 graphics cards, and a 2x3 layout is now supported while using one (1) C900 graphics card.

Notes and limitations

Matrox C-Series

- **C900** – Firmware version 1.25.014 is required for this release. To download the firmware for your C900 graphics card, see www.matrox.com/graphics/en/support/drivers/download/C900/.
- **C900** – Windows power management functions aren't supported. We recommend changing the **Power Options** to never turn off the display and to never put the computer to sleep.
- **C900** – If you applied a horizontal bezel adjustment between your displays, the multi-display setup may not show this adjustment.
- **C680** – The Matrox PowerDesk **EDID Management** feature isn't supported with DisplayPort 1.2 monitor configurations that use MST (Multi Stream Transport) daisy chaining.
- **C680** – Matrox C680 products support 4K UHD (Ultra High Definition) monitors, including those that require internal MST. Monitors that use internal MST are seen by PowerDesk as two (2) daisy-chained monitors, each using a display resolution of 1920 x 2160.

- **C680** – To use a display resolution of 3840 x 2160 @ 60 Hz with your 4K monitor, you may need to manually configure your monitor to use DisplayPort 1.2 (some 4K monitors use DisplayPort 1.1 by default). Also, make sure your 4K monitor is using an input that supports a display resolution of 3840 x 2160 @ 60 Hz. For more information, see your monitor documentation.
- **C420** – To maintain adequate airflow for your Matrox C420 product, we strongly recommend running the internal system fan at medium speed, instead of the default low or automatic. Because the internal system temperature is normally read from the CPU (and the system airflow is optimized for the CPU), the temperature near the add-in cards may not be properly controlled.
- While using C-Series with other graphics hardware (Matrox (non C-Series) products or third-party graphics hardware):
 - Use *only* PowerDesk software (**Multi-Display Setup**) to change the display settings.
 - For other graphics hardware, PowerDesk functionality is limited to **Multi-Display Setup** (specifically, the **Rotation, Resolution, Color palette, Refresh rate** options) and only if supported by the hardware. Other PowerDesk features aren't supported.
 - For other graphics hardware, a maximum of two displays are supported, and only in independent mode.
- If you're adding a second Matrox C-Series card to an existing C-Series setup, you must remove any currently installed display drivers *before* installing your second Matrox C-Series graphics card. After your second C-Series card is installed, install the latest Matrox C-Series display driver. For more information, see your Matrox C-Series User Guide.

Matrox M-Series and Extio Series

- Corruption occurs when running Google Earth 6.22 or later. For a possible workaround, contact Matrox Technical Support.
- While using multiple input sources on your DisplayPort™ monitor (for example, connecting to the DisplayPort connector *and* a DVI, HD-15, or other connector on your monitor), certain models of DisplayPort monitors (such as Lenovo®) may not be properly detected. To fix this, we recommend disconnecting the non DisplayPort connections from your DisplayPort monitor.
- After changing modes, Windows Media Player may occasionally be unable to play content. You can work around this by restarting your system.
- **Windows 10** – Each layout in your multi-display setup supports a maximum resolution of 4Kx4K.
- The **Split display** shortcut may not work in joined mode.

- The Matrox PowerDesk **Edge Overlap** and **Bezel Management** features may not work properly in multi-display setups that use multiple stretched mode layouts.
- Desktop management isn't supported with programs that use Universal Windows Platform (UWP) apps.
- While using two graphics cards in joined mode, **Edge Overlap** isn't supported.

Matrox P690

- While using displays in independent mode with the optional quad-analog upgrade kit, all four (4) displays must use the same display resolution.
- The mouse cursor disappears when running certain DX11 or DX10 samples in full screen.
- **Windows 8** – System doesn't recover from sleep mode.

Display Driver Information

Display driver package

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

Supported Matrox hardware	Supported 64-bit operating systems								
	Windows® Server® 2008		Windows® Vista®	Windows® Embedded Standard 7®	Windows® 7	Windows® Server® 2012		Windows® 8.1*	Windows® 10
	R1	R2				R1	R2		
C-Series™	—	✓	—	✓	✓	—	✓	✓	✓
M-Series™	✓	✓	✓	✓	✓	✓	✓	✓	✓
Extio™ Series†	✓	✓	✓	—	✓	—	✓	✓	✓
P690™‡	—	—	—	—	—	✓	✓	✓	—
G550™‡	—	—	—	—	—	✓	✓	✓	—

* Matrox M-Series, P690, and G550 products also support Windows 8.

† Extio F2208, F2408, and F2408 Extender only.

‡ WDDM-DO (Display Only) support only. Additional CPU resources will be used. The following features are unavailable while using a WDDM-DO display driver: Joined mode, Feature display, Desktop zoom, Edge overlap, and Bezel management.

Supported languages

This driver package supports the following languages:

- English

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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