

# Matrox® **Display Driver Release Notes**

For display driver version 5.01.01

20217-401-0103  
2015.07.06

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

**matrox**<sup>®</sup>  
Graphics for Professionals

---

# Overview

This document describes the current release of the Matrox display driver (v. 5.01.01) 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

- Improved support for 4K UHD monitors.

---

## Notes and limitations

### Matrox C-Series

- Before installing your Matrox C-Series hardware and display driver, remove any currently installed display drivers. For more information, see your Matrox C-Series User Guide.
- 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.
- If you're using Matrox C-Series products, Matrox PowerDesk software isn't supported if non C-Series graphics cards are installed in your system or if graphics hardware is built into the motherboard of your system (on-board graphics). If graphics hardware is built into the motherboard of your computer, you may need to disable it manually. For more information, see your system manual.
- **C680 only** – The Matrox PowerDesk **EDID Management** feature for DisplayPort™ 1.2 monitors is currently supported only with C680 products and only if the monitors are connected directly to your C680 product. **EDID Management** isn't supported with DisplayPort 1.2 monitor configurations that use MST (Multi Stream Transport) daisy chaining.
- **C680 only** – 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 only** – To use a display resolution of 3840 x 2160 @ 60 Hz with your 4K monitor, you need to manually configure your monitor to use DisplayPort 1.2 (most 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 only** – 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.

---

# 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 operating systems								
	Windows® Server® 2008		Windows® Vista®	Windows® Embedded Standard 7®	Windows® 7	Windows® Server® 2012		Windows® 8	Windows® 8.1
	R1	R2				R1	R2		
C-Series™	—	✓	—	✓	✓	—	✓	—	✓
M-Series™	✓	✓	✓	✓	✓	✓	—	✓	—
P690™*	—	—	—	—	—	✓	✓	✓	✓
G550™*	—	—	—	—	—	✓	✓	✓	✓

\* 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](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).

---

# 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.

DisplayPort is a trademark of Video Electronics Standards Association.

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Copyright © 2015 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](mailto:graphics@matrox.com)

Web site: [www.matrox.com/graphics](http://www.matrox.com/graphics)

Technical support:

[www.matrox.com/graphics/support](http://www.matrox.com/graphics/support)

To locate the sales office nearest you, visit

[www.matrox.com/graphics/contact](http://www.matrox.com/graphics/contact)

**matrox**<sup>®</sup>  
Graphics for Professionals