Matrox® Video Release Notes

Matrox® LUMA Series Display Driver

Display Driver Version 8.00.00

Overview

This document describes the current release of the Matrox LUMA Series Display Driver (v8.00.00) for Microsoft Windows®.

Matrox Video provides these notes to describe bug fixes and improvements to the PowerDesk software, the API, and the driver.

What's in this release

This is the first release of the Matrox LUMA Series Display Driver. This display driver package supports the following LUMA Series add-in cards:

- Matrox LUMA A310 (low profile, fanless, 4 GB, 30 W)
- Matrox LUMA A310F (low profile, 4 GB, 50 W)

For more detailed product information, go to
https://video.matrox.com/en/products/graphics-cards/luma-series.

Notes and limitations

LUMA Series cards

- Matrox Video recommends using the preferred resolution of the monitors.

- When installing multiple cards in a system, mixing different models of LUMA cards is not supported.

- Installing the drivers for two (2) LUMA cards within one (1) system can take anywhere from one (1) to four (4) minutes depending on your system.

- When installing a LUMA card, it is possible that the Intel drivers are automatically installed by Windows. If this is the case, the Matrox installation can be re-launched to install Matrox drivers on the LUMA cards.

- The Matrox QuadHead2Go appliance is currently not supported with LUMA cards. [LS-71]

- On-board graphics are not supported. On-board graphics must be disabled in the System BIOS and in the device manager before installing the LUMA drivers. [LS-29/LS-87]

- The temperature and fan speed reported are identical while in multi-card configuration. This will be addressed in a future release. [LS-156]

- Windows 11 might have lower performances in some use-cases. If you use Windows 11 and encounter lower performances, it is recommended to set **Best Performances** under **Visual Effects**.

  To set this:

  1. Open **Control Panel** and select **System and Security**.

  2. Open **System** then click on **Advanced system settings** on the right side.

  3. In the **Performance** tab, click on **Settings** located in the **Performance** section.

  4. Select **Adjust for best performance**.

PowerDesk software

The following are known issues while using the PowerDesk software on a Windows system.

- If you try to start PowerDesk immediately after performing a system restart, PowerDesk may not start. We recommend waiting a while, and then trying to restart PowerDesk.

- The horizontal resolution of your stretched mode layout can't be higher than 16384 pixels on any Windows operating system.

- To enable or disable EDID emulation, all outputs of the graphics card need to be in **Independent mode**. [DS-367]

- Stretch and Clone configurations require all monitors to be identical. Otherwise, you will need to apply EDID Management so that they all appear identical [DS-256]

- Power management options must be disabled after installing the driver. Otherwise, you may encounter issues with PowerDesk. [DS-232]

- The **Desktop Management** feature is disabled in this release. [LS-47]

- The **Desktop Management** option incorrectly appears under **Deployment tool** even when this functionality is disabled. [LS-119]

Display driver information

Display driver package

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

- LUMA A310
- LUMA A310F

Operating system support

This release supports the following configurations and operating system combinations.

- Up to two (2) LUMA-Series standalone configurations:
    - Windows® 10 64-bit (version 2021)
    - Windows® 11 64-bit
    - Windows® 10 64-bit LTSC (version 2021)

Supported language

This driver package supports the following language:

- English

Contact us

The Matrox Video web site has product literature, press releases, technical material, a sales office list, trade show information, and other relevant material. Visit us at video.matrox.com.

If you have any questions or comments about our products or solutions, contact us at video.matrox.com/contact.

You can get technical assistance by contacting Matrox technical support at lumasupport@matrox.com.

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