Matrox Introduces D-Series: Next-Generation Graphics Cards for High-Density-Output Video Walls

D-Series graphics cards power up to four 4Kp60 monitors and can be combined to drive up to sixteen 4K displays from one system

Matrox D-Series multi-monitor graphics cards: Powering video walls that are worth the view.

MONTREAL — January 28, 2020 — Matrox® is pleased to announce Matrox D-Series, a new family of next-generation, multi-display graphics cards designed to power video walls in commercial and critical 24/7 environments. These new single-slot graphics cards drive up to four 4Kp60 displays and can be easily combined to output up to 16 x 4K monitors for high-density video walls in control rooms, enterprises, industries, government, military, pro A/V, digital signage, security, and more.

Matrox D-Series graphics cards will be in action at ISE 2020 (booth 11-D120).

Advanced capabilities

Leveraging a custom-built NVIDIA Quadro® embedded GPU, D-Series delivers smooth video playback and graphics performance on up to four high-resolution HDMI® or DisplayPort™ displays. OEMs, system integrators, and AV installers can also combine up to four D-Series cards via board-to-board framelock cables, to drive up to sixteen synchronized 4K displays. In addition, D-Series offers HDCP support for playback of protected audio and video content, as well as Microsoft® DirectX® 12, OpenGL® 4.5, and OpenCL™ 1.2 support to run the latest professional applications.

Proven video wall ecosystem

D-Series works seamlessly with Matrox's complete video wall portfolio. Pair D-Series with Matrox Mura IPX capture and IP encode/decode cards for exceptional multi-channel 4K and Full HD capture, streaming, and recording support, and/or combine with Matrox QuadHead2Go™ multi-monitor controllers to power up to an astonishing 64 1920x1080p60 displays from one system.

Custom control

D-Series includes the robust and field-proven Matrox PowerDesk desktop management software. Users can select from a variety of advanced tools—including stretched or independent desktops, clone mode, pivot, bezel management, edge overlap, and more—to easily configure and customize multi-display setups. Additionally, the feature-rich Matrox MuraControl video wall management software provides users with an intuitive platform to manage video wall sources and layouts either locally or remotely, and in real time.

"It is an exciting time for video wall technology as customers are constantly demanding new and innovative ways to optimize visual platforms," said Fadhl Al-Bayaty, business development manager,

Matrox. "With a new best-of-breed graphics range offering exceptional 4K output support, Matrox's deep product portfolio enables OEMs and system integrators to deliver industry-leading video wall solutions with unrivaled video capture, encoding, decoding, and now display support."

Availability
Matrox D-Series quad-monitor graphics cards, in both DisplayPort (part number: D-1480-E4GB) and HDMI (part number: D-1450-E4GB) SKUs, will be available in Q1 2020. To learn more about these new multi-display solutions, contact Matrox Graphics.

About Matrox Graphics Inc.
Matrox Graphics is a global manufacturer of reliable, high-quality ASICs, boards, appliances, and software. Backed by in-house design expertise and dedicated customer support, Matrox products deliver stellar capture, extension, distribution, and display. Engineering high-quality products since 1976, Matrox technology is trusted by professionals and partners worldwide. Matrox is a privately held company headquartered in Montreal, Canada. For more information, visit www.matrox.com.

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