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Matrox Graphics announces new Parhelia™ HR256 graphics accelerator for high-resolution imagery and visualization

Providing unique support for maximum refresh rates on specialty high-resolution, multi-input digital displays

Montreal, Canada, September 16, 2003 — Matrox Graphics Inc., the leading manufacturer of professional graphics solutions, today announced the Parhelia™ HR256 graphics card, providing optimal support for video, 2D and 3D graphics on high-resolution, multi-input digital displays, such as the 9 mega pixel (MP) IBM® T221, Iiyama® AQU5611DTBK and ViewSonic® VP2290b.

"The Parhelia HR256 has been expressly designed for multi-input panels such as the IBM T221 and therefore the design of the graphics card enables the T221 to perform at its highest refresh rate," says David Nypaver, director, LCD Monitors, IBM eServer Workstations. "IBM looks forward to continuing our work with Matrox to bring leading graphics solutions to the enhanced visualization market."

For use in any standard desktop workstation, the Matrox Parhelia HR256 is the ideal graphics accelerator for professionals using high-resolution digital flat panels for the analysis of detailed imagery and large models in industries such as mapping/satellite reconnaissance, space exploration, CAD, video post production, desktop publishing, life sciences, aerospace and automotive visualization, medical training/reference, transportation and logistics, oil and gas exploration, plant design and management, and digital photography.

"Matrox's commitment to developing a specialized graphics card for the VP2290b will enable ViewSonic to penetrate more markets, where high-resolution panels are already in demand," says Jeff Klaass, director, business development, ViewSonic. "The Matrox Parhelia HR256 natively supports our display, ensuring that it can be run at its optimal display configuration."

The Matrox Parhelia HR256 is the only graphics card that features a quad single-link DVI interface, enabling both a quad DVI and dual LFH-60 direct connection, with no adaptors, ensuring pristine image quality and providing support for exceptionally high resolutions, such as 3840 x 2400, and optimal screen refresh rates. For an extended workspace across additional monitors, or for specialized work environments, this distinctive graphics card can be run alongside other Matrox graphics cards in the same system.

"The Parhelia HR256 has been designed to drive high-resolution, multi-input displays," says Alain Thiffault, senior product manager, 3D workstation products, Matrox Graphics Inc. "Our expertise in multi-output graphics boards has enabled us to design the Parhelia HR256 to seamlessly power 9MP panels, marking our continued effort to deliver the best workstation graphics solutions for the growing enhanced visualization market."

Featuring 256MB of onboard DDR unified memory and a PCI interface with support for 33 MHz and 66 MHz buses, the Parhelia HR256 currently offers full support for Microsoft® Windows® 2000 and Windows XP. Please inquire about other operating system support, as well as versions of this product with genlock and frame lock capabilities, at www.matrox.com/mga/products/p_hr256/home.cfm.

Software bundle

The software bundled with the Matrox Parhelia HR256 includes the custom Matrox PrecisionCAD driver for AutoCAD and the *AEC|VIZ™* and *Meka|VIZ™ for Parhelia* visualization and communication tools from TORNADO Technologies.

The Matrox PrecisionCAD driver seamlessly integrates with Autodesk® AutoCAD® 2002-based products providing added application stability and enhanced OpenGL® performance in solid model rendering.

Highly optimized for Matrox Parhelia and Parhelia HR256 graphics cards, the bundled *AEC|VIZ* and *Meka|VIZ for Parhelia* visualization and communication tools from TORNADO Technologies support AutoCAD 2000/2000i/2002-based products, including Architectural Desktop and Mechanical Desktop, respectively. They improve performance and enable rapid collaboration of even the most complex 3D models and the included *VIZ|Link™ Advanced* plug-in, core to their seamless interoperability with AutoCAD, provides a significant gain in productivity by sending 3D data from inside AutoCAD to the external *AEC|VIZ* or *Meka|VIZ for Parhelia* viewer, where users can effortlessly reposition the model and quickly transfer the desired camera position back to AutoCAD.

Pricing and availability

The Parhelia HR256 will be available for US \$2,495 directly from Matrox at: <http://shopmatrox.com>, or by calling 800-361-1408, in Q4 2003.

About Matrox Graphics Inc.

Matrox Graphics Inc., the leading manufacturer of professional graphics solutions, has been delivering high-quality, innovative 2D/3D and video graphics accelerators for more than a quarter century. Pioneer of the trend-setting DualHead® technology, Matrox is a graphics chip designer and board manufacturer whose products have been awarded over 1,000 times worldwide for their superior image quality, practical ingenuity and unwavering stability. In July 2002, Matrox was elected as a voting member of the OpenGL® Architecture Review Board (ARB). A privately held company headquartered in Montreal, Canada, Matrox has international offices in the United States, the United Kingdom, Ireland, France, Germany, Italy, Hong Kong, and Taiwan. Information on Matrox products, drivers, technical support and more can be found at: www.matrox.com/mga.

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