

NOTE: This is a replica of original Matrox press release. The original press release may have been removed from Matrox website since then and some of the website links in this document may be outdated.



## **Matrox announces new Parhelia™ PCI 256 MB graphics card**

Providing maximum usability and productivity with unparalleled multi-display support for PCI environments

**Montreal, Canada, December 17, 2003** — Matrox Graphics Inc., the leading manufacturer of professional graphics solutions, today announced the industry's most advanced PCI graphics card: the Parhelia PCI 256 MB. Ideal for PCI environments such as servers, Linux® platforms, and PCI workstations, this addition to the award-winning family of Parhelia™ graphics cards boasts industry-leading image quality and trademark Matrox stability, and delivers the ultimate combination of quality and essential workstation features.

"Based on our acclaimed Parhelia, this new PCI card delivers all the functionality of state-of-the-art graphics technology," says Alain Thiffault, senior product manager, CAD and GIS workstation products, Matrox Graphics Inc. "It is the perfect solution to add to other graphics cards in a workstation, or to systems that do not have AGP slots, such as servers and laptop docking stations."

Featuring 256 MB of onboard DDR unified memory, a PCI interface designed for 33 and 66 MHz buses, support for hardware quad-buffered stereo, and the ability to power 9.2 MP panels at 3840 x 2400 @ 24 Hz, the Parhelia PCI 256 MB supports Microsoft® Windows® 2000, Windows XP and Linux® operating systems, and offers certified drivers for leading CAD and GIS applications. It also provides specialized support for mission-critical environments with Matrox FanGuard, which contributes to the card's high MTBF, and a genlock option for use with multiple boards in a system or across multiple systems.

The Parhelia PCI 256 MB is the ideal addition to other specialized graphics cards from Matrox, such as the Parhelia 128 MB or 256 MB AGP or Parhelia HR256, removing current limitations in specialized projects by enabling unprecedented display configurations.

### **Unequaled multi-display support**

The Parhelia PCI 256 MB card increases productivity and efficiency with renowned Parhelia multi-display technologies: DualHead®-HighFidelity (HF) and TripleHead Desktop. Having pioneered DualHead back in 1999, DualHead-HF is Matrox's third generation of this technology. It enables the Parhelia PCI 256 MB to independently power independent dual 2048 x 1536 @ 32bpp analog outputs or dual 1920 x 1200 @ 32bpp digital outputs, from a single chip. For maximum onscreen real estate, the card's specialized third RAMDAC supports a TripleHead Windows® desktop to a maximum resolution of 3840 x 1024 @ 32bpp. For CAD and GIS users, these multi-display capabilities provide Surround Design—the ability to work with hardware-accelerated 2D and/or 3D on one, two or three displays. Multi-display features, including Matrox MultiDesk, TV Output, Multi-Zoom, Clone, and PureVideo, as well as the Matrox PowerDesk-HF utility suite, make hardware configuration and desktop management in multi-display environments effortless.

### **Exclusive 3D visualization software bundle**

Highly optimized for Matrox Parhelia Series graphics cards, the exclusively-bundled AEC|VIZ and Meka|VIZ for Parhelia software, by TORNADO Technologies, Inc., support Autodesk® AutoCAD® 2000/2000i/2002-based products, including Architectural Desktop and Mechanical Desktop, respectively. These unique tools, valued by TORNADO Technologies at US \$295 each, improve performance and enable rapid collaboration of even the most complex 3D models. 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.

### **Matrox PrecisionCAD driver for AutoCAD**

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

**Pricing and availability**

The Matrox Parhelia PCI 256 has been released at a price of US \$699, and is available directly from Matrox at <http://shopmatrox.com> or by calling 800-361-1408, and from various Matrox resellers and distributors. The latest Parhelia drivers, PrecisionCAD driver for AutoCAD and Tornado Technologies' AEC|VIZ and Meka|VIZ for Parhelia software can be downloaded from: [www.matroxcad.com](http://www.matroxcad.com).

**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, and Hong Kong. Information on Matrox products, drivers, technical support and more can be found at: [www.matroxcad.com](http://www.matroxcad.com).

Matrox Graphics, Matrox Electronic Systems, Matrox and DualHead are registered trademarks of Matrox Graphics Inc. and/or Matrox Electronic Systems Ltd. Other company, product and service names and/or logos indicated above may be trademarks or service marks of such other companies.