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Matrox unveils Millennium P-Series graphics boards setting new standard in video workstation graphics

Featuring improved DualHead™ and revolutionary TripleHead and Dual-display plus TV output, Millennium P-Series brings unprecedented productivity gains for video editors

Montreal, Canada, April 23, 2003 — Matrox Graphics Inc., the leading manufacturer of professional graphics solutions, today announced the Matrox Millennium P-Series graphics boards, setting a new standard for graphics accelerators catering to the unique needs of hardware and software non-linear editors. Based on the new Parhelia-LX chip, derived from Matrox Parhelia™ technology, the Millennium P-Series is a cost effective graphics solution designed to radically enhance video editing workflow through advanced multi-display technologies.

"Five years ago, Matrox introduced DualHead, which transformed the standard graphics configuration for video workstations", says Caroline Injoyan, video workstation product manager, Matrox Graphics Inc. "Today, Matrox raises the bar once again with the Millennium P-Series, by bringing next-generation advancements such as Dual-display plus TV output and TripleHead technology to all levels of video workstation users."

The Millennium P650 and Millennium P750, featuring 64MBs of fast DDR memory and an AGP 8X interface, provide professional level multi-display technologies, at a mainstream price. Both boards include improved DualHead support through dual 400 MHz UltraSharp RAMDACs for crystal clear, fully symmetric RGB outputs at resolutions up to 1920 x 1440 and also feature the most advanced dual-DVI implementation, allowing independent resolution support at up to 1600 x 1200 on each flat panel display. While both the Millennium P650 and Millennium P750 include dual independent, gamma correctable overlay support and adjustable proc-amp settings for both the video window and TV¹, the Millennium P750 adds Dual-display plus TV output and TripleHead for maximum video workstation productivity for use with leading non-linear editing (NLE) software packages from Avid®, Adobe®, Ulead Systems Inc., and many others.

"The Millennium P-Series' unprecedented multimonitor features make it the perfect graphics companion solution for Matrox RT series users," says Spiro Plagakis, vice president sales and marketing, Matrox Video Products Group. "These boards are also the perfect graphics upgrade for current Millennium G-Series users looking for a more feature rich multi-display solution for use with Matrox Video hardware capture cards."

Family of video workstation graphics solutions

The Millennium P-Series is the perfect compliment to Matrox's extensive family of graphics accelerators for the video workstation market. The first to offer Dual-display plus TV output and TripleHead support, Matrox Parhelia is an end-to-end solution for high-end video editing, compositing and digital content creation (DCC). Complete with What-You-See-Is-What-You-Get (WYSIWYG) plug-ins for a host of compositing, animation and DCC applications, Parhelia substantially enhances productivity for high-end video workstation users. The Millennium P-Series, sets a new standard in video workstation graphics, bringing improved DualHead, TripleHead and Dual-display plus TV output to all levels of hardware and software NLE users at an affordable price point. The Millennium G450 and G550 continue to provide robust entry-level graphics and DualHead support for value conscious video editors.

Pricing and availability

The Millennium P650 will sell for ESP \$169 US and the Millennium P750 will sell for ESP \$235 US. Both cards in the Millennium P-Series will be available CQ2 2003 from various resellers and directly from Matrox at: <http://shopmatrox.com>. For more information on resellers in the US and Canada, please call 1-800-361-1408, or by email to Matrox.Sales.

About the Millennium P-Series chip

The Millennium P-Series is based on the new Parhelia-LX chip, derived from Matrox Parhelia technology. This AGP 8X chip supports a 64MB frame buffer and a 128-bit DDR memory interface. It also features support for up to three displays using various combinations of DVI, RGB, and NTSC/PAL outputs and is OpenGL® 1.3 and Microsoft DirectX® 8.1 compliant.

About Matrox Graphics

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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¹ TV-output cable sold separately for Millennium P650