

Matrox professional graphics cards for hi-res workstations



Improve productivity and reduce errors with Parhelia DL256 PCI

The dual-link DVI standard allows for innovative, off-the-shelf solutions for high-resolution displays. This technology will drive next-generation displays in the years to come. Using dual-link at a standard refresh rate (60 Hz), the Parhelia DL256 PCI graphics card can support resolutions up to 4 MP (million pixels).

The higher resolutions possible with dual-link and Matrox technology give you more on-screen information and ultrasharp, flicker-free displays. This helps you to see more and do more. With professional applications, it's critical to have large amounts of information presented to you as clearly as possible. Parhelia DL256 along with a high-quality, high-resolution monitor can help improve productivity and reduce errors. The stunning detail made possible with this solution also has applications in PID (public information displays) where maximum visual impact is important.

The advantages of high-quality, high-resolution displays are best appreciated when seen for yourself. The Matrox Parhelia DL256 graphics card driving the 30-inch Apple Cinema HD Display® shows what's possible. This clean, space-saving, high-resolution solution is ideal for many professional workstations and for PID. Matrox Parhelia DL256 brings support for this monitor and other dual-link monitors to Microsoft® Windows®- and Linux®-based systems.



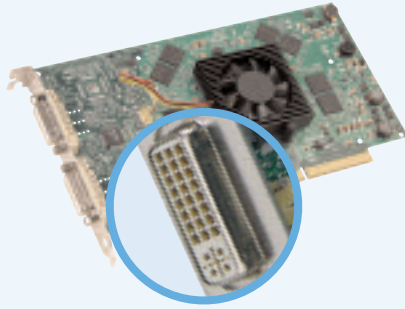
Matrox Parhelia DL256 PCI controlling a 30-inch Apple Cinema HD Display



Dual-link monitor with a TV



Dual-link monitor with an analog monitor



The Parhelia DL256 PCI graphics card uses industry-standard dual-link DVI to support high-resolution, digital monitors. This standard is backward compatible with single-link DVI monitors.

Key features

- Display driver and utilities for Windows 2000 and Windows XP
- Support for 30-inch Apple Cinema HD Display
- 64-bit, 66 MHz PCI card (compatible with all PCI and PCI-X slots)
- 256 MB graphics memory
- Dual 400 MHz RAMDACs
- UltraSharp Display Output technology
- Simultaneous support for one dual-link DVI monitor + one analog monitor
- Maximum digital resolution: 2560 × 1600
- Maximum analog resolution: 2048 × 1536
- Hardware support for quad-buffered stereo 3D
- TV output support (composite video and S-video, NTSC or PAL)
- Multi-display, multi-card 2D/3D OpenGL® and Microsoft DirectX® acceleration
- High MTBF (mean time before failure) cooling fan
- ATX form factor
- 3-year warranty

Hardware included

- Matrox Parhelia DL256 graphics card
- DVI-to-HD15 adapter (digital-to-analog connector adapter)
- TV output adapter (HD-15 to composite video and S-video)
- Stereo 3D connector bracket (DIN-3 connector)

Where to buy

To purchase, contact Matrox Sales at **1-800-361-1408** or email technicalsales@matrox.com

The information provided by this document is believed to be accurate and reliable, however, Matrox Graphics Inc. reserves the right to make changes in specifications at any time and without notice.

North America (Headquarters)
Matrox Graphics Inc.
 Sales line: 1-800-361-1408
 Sales email: graphics.sales@matrox.com

Asia Pacific
Matrox Asia Ltd.
 Tel: (852) 2281-5714
 Sales email: insales@matrox.com

France
Matrox France SARL
 Tel: (01) 45 60 62 00
 email: Matrox.France@Matrox.Com

Italy
Ufficio Matrox per l'Italia - 3G Electronics SRL
 Tel: +39-02-5253095
 email: vendite@treg.it

Germany
Matrox Electronic Systems GmbH
 Tel: +49 (0) 89 - 62 17 00
 Email - Germany, Austria, Switzerland:
Info-CentralEurope@matrox.com(German)

Email - Denmark, Norway, Sweden, Finland:
Info-NorthernEurope@matrox.com
 (German/English)

Email - all Eastern European countries:
Info-EasternEurope@matrox.com
 (German/English)

United Kingdom
Matrox UK
 Tel: +44 (0) 1753 708801
 email: graphic.info.uk@matrox.com
 (Serving United Kingdom, ROI, Benelux,
 Middle East & South Africa)

Software included

- Matrox display driver for Windows 2000 and Windows XP
- Matrox PowerDesk (driver interface and utilities)

Optional upgrades

- Free from the Matrox Web site, plug-ins for Adobe® After Effects®, Adobe Photoshop®, Adobe Premiere® Pro, Discreet™ 3ds max™, Discreet combustion®, and NewTek Lightwave 3D®
- Linux (Red Hat®, SuSe®, Mandrake®) display driver
- Sun Solaris™ x86 display driver
- Matrox ASM card for multi-card frame lock and genlock

Supported display configurations

Display 1	Display 2
Digital	Analog
Digital	TV
Digital	—
Analog	Analog
Analog	TV
Analog	—

matrox
www.matrox.com/mga