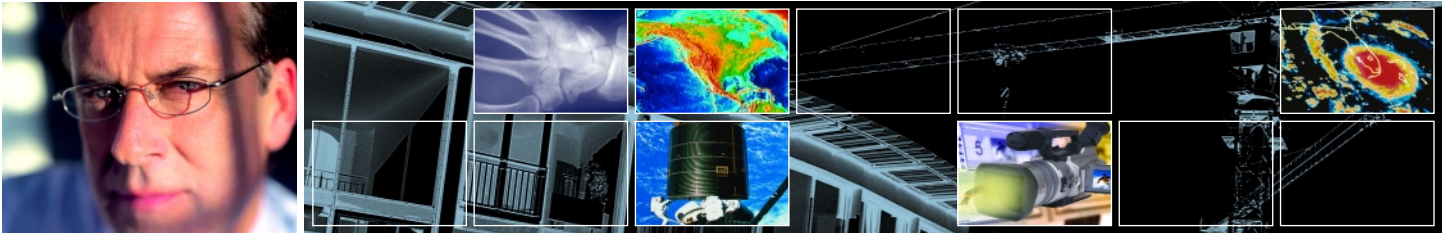




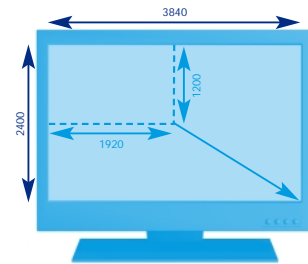
matrox **Parhelia™** HR256
High Fidelity Graphics™

Designed to drive high-resolution specialty displays to their full potential

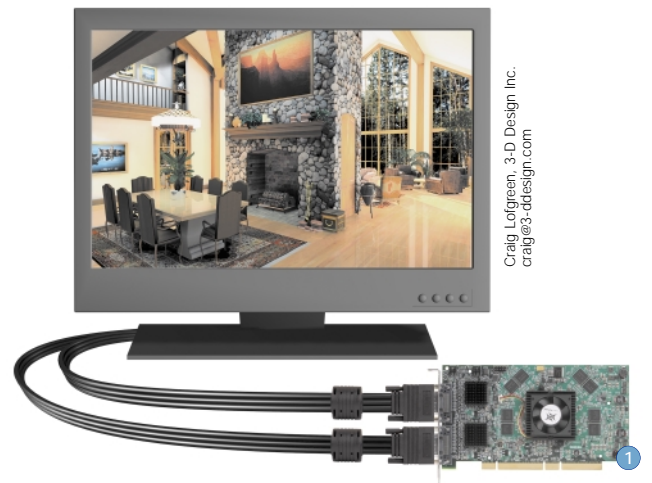
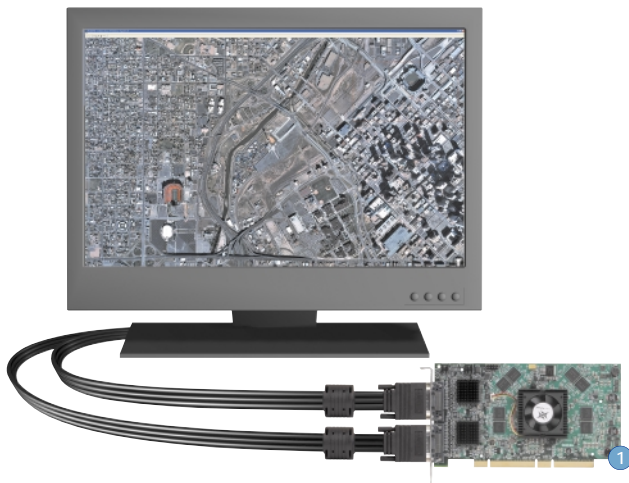


Unique support for maximum refresh rates on specialty high-resolution, multi-input displays

With the emergence of digital flat panel technology, pioneers in the display industry have developed LCDs that offer multiple times the display space of standard monitors, with extremely high pixel density. Several panels now offer the ability to display 9 million pixels (MP) worth of graphical information on a display that is just 22 inches wide—the equivalent of 4 times more data than can be viewed on a standard LCD at a resolution of 1920 x 1200. This exceptionally high resolution (3840 x 2400) can only be achieved today by combining multiple DVI channels and synchronizing them for smooth and flawless image quality.



9 MP displays provide additional resolution over standard displays



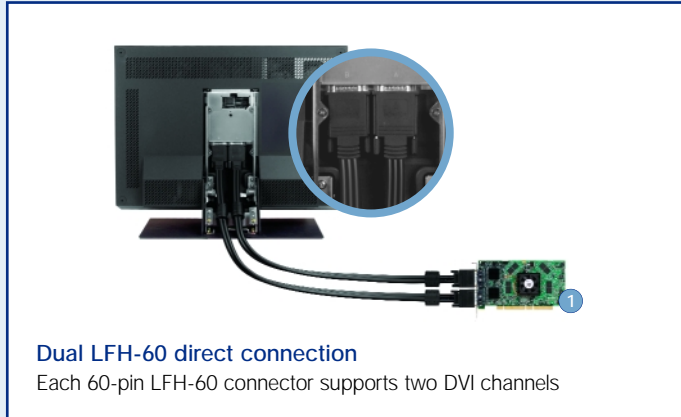
Craig Lofgreen, 3-D Design Inc.
craig@3-ddesign.com

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 fields such as mapping/satellite reconnaissance, space exploration, CAD, video post production, desktop publishing, life sciences, aerospace & automotive visualization, medical training/reference, transportation & logistics, oil & gas exploration, plant design & management, and digital photography.

The definitive graphics platform for high-res imagery and visualization

The Parhelia HR256 graphics card has been specifically designed to be the ideal companion for high-resolution panel technology, ensuring high-quality, high-performance graphics. Its dual LFH-60 **direct connection**, with no adaptors, ensures flawless image quality and provides support for very high resolutions and optimal screen refresh rates. This distinctive graphics card features 256 MB of memory and a PCI interface with support for 33 MHz and 66 MHz buses. Genlock and frame lock capabilities are available as options.

Direct Dual LFH-60 connection:



Compatible with all 3840 x 2400 QUXGA-W displays including those from:



(Includes support for all previous 9 MP offerings which required support for graphics with 4 genlocked DVI channels)

Features for mission-critical environments:

- High MTBF
- FanAlert
- No external adaptors
- No external power supply
- Single-slot solution
- Low power consumption
- Fits in standard size PCI (Dimensions: L:19.05 cm; H:10.67 cm; W:1.91 cm)
- Compatible in all PCI slots
- Genlock option (multi-board/multi-system)

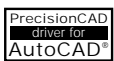
Advantages for use in multi-board environments:



For an extended workspace across additional monitors, or for specialized work environments, the Parhelia HR256 can be run alongside additional Matrox graphics cards in the same system.

1-Parhelia HR256
2-Parhelia

Software Bundle



More information

For more information on the Parhelia HR256, versions of this product with genlock and frame lock capabilities, and supported high-resolution, multi-input displays, please go to: www.matrox.com/mga/products/p_hr256/home.cfm.

Where to buy

The Parhelia HR256 can be purchased through the Matrox online store at: www.shopmatrox.com, or by calling: 1-800-361-1408.

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
Pre-sales hotline:
+44 (0) 1753 66 55 44
email: graphic.info.uk@matrox.com
(Serving United Kingdom, Benelux,
Middle East & South Africa)

matrox
www.matrox.com/mga