

# Matrox

## Parhelia PCI 256MB

Designed for 2D and 3D workstations, this graphics card has a combination of reliability, innovative features, image quality, and performance that makes it ideal for a wide range of professional applications. For maximum compatibility and flexibility, this card is designed for the PCI slots found in most modern PCs. Applications for this product include CAD (Computer-Aided Design), GIS (Geographic Information Systems), dispatch, and monitoring.

Additional advanced features of this product include 256 MB of graphics memory, support for quad-buffered stereo-3D (stereoscopic) output, support for synchronization with certain other Matrox graphics cards, and video input upgradeability.

### Key features:

- Matrox TripleHead to use 3 analog monitors at a time (in "stretched" mode)
- Matrox DualHead to use 2 digital or analog monitors at a time (in "independent" or "stretched" mode)
- 64-bit, 66 MHz PCI card compatible with all PCI and PCI-X slots
- 256 MB graphics memory
- Matrox UltraSharp Display Output Technology
- TV-output support (composite video and S-video, NTSC or PAL)
- Multi-display 2D/3D OpenGL and Microsoft DirectX acceleration
- Hardware support for quad-buffered stereo-3D output
- Unified Microsoft Windows 2000 and Windows XP display driver for Matrox Parhelia Series and Millennium P-Series graphics cards
- Display drivers Matrox-certified for leading CAD and GIS software
- Easy-to-use Matrox PowerDesk driver interface
- Matrox Clone to view a copy of one display on another display
- Matrox Multi-Display Zoom to view a portion of one display full-screen on another display
- Matrox PureVideo to view hardware-accelerated video playback in a video window on one display and full-screen on another display
- Matrox Glyph Anti-Aliasing for the hardware-accelerated smoothing of text edges
- Support for customizable unattended installation for rapid multi-system setup
- Upgrade available for external video input (composite video or S-video)
- Global sales and technical support
- 3-year warranty

### Hardware included:

- Matrox Parhelia PCI 256MB graphics card
- DVI-to-HD15 dual-monitor adapter cable
- DVI-to-HD15 connector adapter

- TV-output adapter cable (HD-15 to composite video and S-video)
- Stereo-3D adapter cable (DVI-to-DVI + stereo-3D, mini DIN-3 connector)
- Stereo-3D connector bracket (mini DIN-3 connector)

### Software included:

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

### Optional upgrades:

- Video input adapter cable (composite video and S-video)
- Matrox ASM (Advanced Synchronization Module) for multi-card genlock (frame lock and pixel lock)
- Linux (Red Hat, SuSE, Mandrake) display driver
- Sun Solaris x86 display driver

### Maximum resolutions (per display):

- Digital, 1-2 monitors: 1920 x 1200
- Analog, 1-2 monitors: 2048 x 1536
- Analog, 3 monitors: 1280 x 1024

### Specifications:

- Part number: PH-P256
- Card type: PCI, 64-bit, 66 MHz, compatible with all PCI and PCI-X slots (not PCIe slots)
- Graphics memory: 256 MB
- Bracket connectors: DVI x 2
- Card form factor: ATX
- Bracket form factor: ATX
- EMC certifications: Class B – CE, CSA, FCC, VCCI
- Card size: 7.5" x 4.2"  
(Card size = length, not including bracket and bracket connectors x height, including slot connector)

