



Matrox Parhelia 128MB

High-performance, AGP 8x, 128 MB, DualHead and TripleHead graphics card



Designed for 2D and 3D workstations with an AGP slot, 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, including CAD (Computer-Aided Design), GIS (Geographic Information Systems), dispatch, and monitoring.

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)
- ▶ AGP 8x card compatible with all compliant AGP 4x and 8x systems
- ▶ 128 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
- ▶ Unified Microsoft Windows 2000 and Windows XP display driver for Matrox Parhelia Series and Millennium P-Series graphics cards
- ▶ Matrox-certified display drivers available 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
- ▶ Global sales and technical support
- ▶ 3-year warranty



The Matrox Parhelia 128MB graphics card has full DualHead/TripleHead and AGP 8x support integrated into a single Matrox-designed graphics chip.

Hardware included

- ▶ Matrox Parhelia 128MB 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)

Software included

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

Optional upgrades

- ▶ 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

Supported monitor configurations

Monitor 1	Monitor 2	Monitor 3
Digital	—	—
Digital*	Digital*	—
Digital	Analog	—
Digital	Analog	Analog
Digital	TV	—
Digital	TV	Analog
Analog	—	—
Analog	Digital	—
Analog	Analog	—
Analog	Analog	Analog
Analog	TV	Analog

A *digital* monitor is any monitor using a digital signal with a DVI connector, typically a flat panel. An *analog* monitor is any computer monitor using an analog signal with an HD-15 or DVI connector, typically an analog flat panel or a CRT. TV output is for a device using an NTSC or PAL video signal (a TV or video recorder). * The resolution of each display must be the same.

Specifications

- ▶ Part number: PH-A8X128
- ▶ Card type: AGP 8x, compatible with all compliant AGP 4x and 8x systems (1.5 or 0.8 V)
- ▶ Graphics memory: 128 MB
- ▶ Bracket connectors: DVI x 2
- ▶ Card form factor: ATX
- ▶ Bracket form factor: ATX
- ▶ EMC certifications: Class B – CE, CSA, FCC, VCCI
- ▶ Card size: 6.9" x 4.3"

(Card size = length, not including bracket and bracket connectors x height, including slot connector)

Pricing and availability

- ▶ List price: \$399 (USD)
- ▶ Purchase from [authorized resellers](#) or directly from Matrox at <http://shopmatrox.com>.
- ▶ For more information, call Matrox Sales at 1-800-361-1408 (North America) or use our [online information request form](#).



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