

# Matrox PJ-4OLP Display Controller for Ultra-Wide Screen Projection



Media Creation and Editing

Leveraging 30 years of industry experience, Matrox has developed the Matrox PJ-4OLP PCI display controller designed specifically for ultra-wide screen projection. Delivering the industry's highest quality digital and analog projector output, along with key features such as edge-overlap support, the Matrox PJ-4OLP can be combined with edge-blending technologies for the seamless delivery of content across two, three or four projectors.

### Edge-Overlapping:

Matrox technology provides user adjustable edge-overlap in 2 x 1, 3 x 1, 4 x 1 and 2 x 2 configurations without the need for any content customization. PCs integrating the Matrox PJ-4OLP can be combined with devices supporting edge-blending for seamless ultra-wide displays at medium and large venues. Such devices include both projectors and external boxes with integrated edge-blending capabilities.



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## Simple to configure with stable and reliable support

Configuring the Matrox PJ-4OLP for ultra-wide screen projection is a remarkably simple and intuitive process. Through Matrox's flexible PowerDesk utility suite, you can easily adjust up to three distinct user defined overlap regions to within one thousandth of a percentage point, facilitating fast and accurate fine-tuning. Matrox's stable drivers also ensure reliable support for worry-free integration and solid performance.

## Matrox PJ-4OLP key features:

- Support for up to 4 digital or analog projectors at a time
- Edge-overlap support across 2, 3 or 4 projectors
- Flexible support for 2 x 1, 3 x 1, 4 x 1 and 2 x 2 configurations
- 66 MHz PCI interface (compatible with all PCI and PCI-X slots)
- 256 MB graphics memory
- Dual 400 MHz 10-bit RAMDACs
- Matrox UltraSharp Display Output Technology
- Industry leading MTBF and robust driver support
- OpenGL® and Microsoft® DirectX™
- Three-year parts and labor warranty

Product	Part number	Interface	Dual Analog	Dual Digital	Triple Analog	Triple Digital	Quad Analog	Quad Digital
PJ-4OLP	PJ-4OLPF	PCI	Yes	Yes	Yes	Yes	Yes	Yes

## PJ-4OLP specifications:

### Maximum resolution\*

#### Single output (Analog/Digital):

- SVGA: 800 x 600
- XGA: 1024 x 768
- SXGA: 1280 x 1024
- SXGA+: 1400 x 1050
- WXGA: 1366 x 768
- WSXGA+: 1680 x 1050
- UXGA: 1600 x 1200

#### Max Dual, Triple and Quad output resolutions:

- 3200 x 1200 (2 x 1) dual analog/digital
- 4800 x 1200 (3 x 1) triple analog/digital
- 6400 x 1200 (4 x 1) quad analog/digital
- 3200 x 2400 (2 x 2) quad analog/digital

### Minimum system requirements

- System: PCI
- 256 MB RAM
- 600 MHz CPU
- Microsoft® Windows® XP x64 (64-bit), Windows® XP, or Windows® 2000
- 300W system power supply
- CD-ROM

### Regulatory approvals

- Class A – ACA, CE, CSA, FCC, VCCI

### Board dimensions

- (D x H) 7.5" x 4.2"

\* Custom resolutions also supported. Contact Matrox for more information.

Where to buy: For more information please contact Matrox at 1-800-361-1408 or insales@matrox.com

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