

# Matrox Extio Series



## Best-in-Class KVM Extenders Deliver Multi-Display Workstation Performance up to 1 km from the PC

The Matrox Extio Series point-to-point, KVM extension solution uses fiber-optic cable to separate the keyboard, mouse, audio peripherals and up to 8 displays from the rest of the computer by up to 1 km (3280 feet). Immune to electromagnetic interference, the fiber-optical connection allows raw, uncompressed data to travel between the remote host system and the user-side Extio appliance, resulting in unmatched HD resolution support and uncompromised workstation performance across multiple displays. Matrox Extio Series is designed for industries requiring stable, reliable graphics and I/O extension technology and is ideal for process control rooms, dispatch centers, and other mission-critical environments.

### Unique Bus Extension Technology Improves Remote User Experience

- High-performance, zero compression KVM extension up to 1 km from the PC
- Quad-display support from a single appliance and fiber-optic cable for resolutions up to 2560x1600 per display
- Combine Extio F2408 with optional F2408E Expander to support up to 8 displays from a single fiber-optic cable
- Eliminate hidden dropped-frame issues experienced with compression-based KVM solutions
- Flexible connectivity with up to 6 USB 2.0 ports (e.g. HIDs — keyboard, mouse, touch screens)
- Customizable setups with Matrox PowerDesk desktop management software
- Extensive OS support for Microsoft® Windows® and Linux®



## Remote Graphics Units for Mission Critical Environments

Get an edge in your control room and see more information with the Matrox Extio Series. Be in full control of the situation 24/7/365.

		Extio F2408	F2408E Expander	Extio F2208
Part number		XTO2-F2408F	XTO2EX-F2408F	XTO2-F2208F
Maximum <sup>1</sup> extension distance	-SMF 9/125 µm (OS1, OS2) -MMF 50/125 µm (OM4) -MMF 50/125 µm (OM3) -MMF 50/125 µm (OM2) -MMF 62.5/125 µm (OM1)	1 km (3280) <sup>2</sup> 400 m (1312') 380 m (1246') 150 m (492') 70 m (229')	5 m MMF cable included to connect to Extio F2408	1 km (3280) <sup>2</sup> 400 m (1312') 380 m (1246') 150 m (492') 70 m (229')
# Displays supported		4	4	2
Maximum resolutions	-Analog -Digital (DVI) -DisplayPort™	1920x1200 <sup>3</sup> 1920x1200 2560x1600	1920x1200 <sup>3</sup> 1920x1200 2560x1600	1920x1200 <sup>3</sup> 1920x1200 2560x1600
Connectors		4 DisplayPort <sup>4</sup>	4 DisplayPort <sup>4</sup>	2 DisplayPort <sup>4</sup>
USB 2.0 ports <sup>5</sup>		5	—	5
Audio connectors		✓	—	✓
Power input		✓	✓	✓
BIOS Level Keyboard Support <sup>6</sup>		✓	—	✓
Fanless design		✓	✓	✓
PCIe Interface card required/Dimensions		XTO2A-FESLPAF (16.8x6.9cm)	—	XTO2A-FESLPAF (16.8x6.9cm)
Extio Dimensions		11.8"x 1.1"x5.73" 30x2.8x14.6cm	11.8"x 1.1"x5.73" 30x2.8x14.6cm	11.8"x 1.1"x5.73" 30x2.8x14.6cm
Operating system support <sup>7</sup>	-Windows® 7 32/64 bit -Windows Vista® 32/64 bit -Windows XP 32/64 bit -Windows Server® 2008 R2 -Windows Server® 2008 32/64 bit <sup>8</sup> -Windows Server® 2003 32/64 bit -Linux® 32/64 bit	WHQL WHQL WHQL WHQL WHQL WHQL WHQL ✓	WHQL WHQL WHQL WHQL WHQL WHQL WHQL ✓	WHQL WHQL WHQL WHQL WHQL WHQL WHQL ✓
Warranty		2 years	2 years	2 years

<sup>1</sup> Extio units ship with multi-mode fiber-optic cable transceivers. Fiber-optic cables sold separately. <sup>2</sup> Requires single-mode upgrade kit (XTO2-2SMTXF) available for Extio F2208 and F2408. <sup>3</sup> DisplayPort to Analog (VGA) adapter sold separately. <sup>4</sup> Extio F2408 ships with four DisplayPort™ to DVI connector adapters. Extio F1400 and Extio F1420 ship with four DVI-I to HD-15 connector adapters. <sup>5</sup> Official support for USB HID's only. <sup>6</sup> BIOS Level Keyboard Support enables basic keyboard functionality before the operating system starts. <sup>7</sup> For other possible operating systems, contact Matrox. <sup>8</sup> Requires Service Pack 2 (SP2) for Extio F2408, F2408E Expander and F2208.

## New! Matrox Extio F2408



- a) Audio-out
- b) Audio-in
- c) Microphone
- d) 3 USB 2.0 ports
- e) Status light indicator
- f) Power light indicator
- g) Power input
- h) 4 DisplayPort™ connectors
- i) USB 2.0 port
- j) USB 2.0 port and BIOS Level Keyboard
- k) Fiber-optic connector port 1
- l) Fiber-optic connector port 2 (for optional F2408E Expander)
- m) Audio-out

## New! Matrox Extio F2408 & F2408E Expander - Easy & Cost-Effective Way to Drive 8 Displays

Connect the Extio F2408E Expander to Extio F2408 to drive an additional 4 displays with a maximum resolution of 2560x1600 per display – all from a single PC workstation, fiber-optic cable, and adapter. Benefit from additional displays without the need to run additional fiber-optic cables.



### Learn More or Purchase

North America: 800-361-1408  
International: 514-822-6366  
Email: [graphics@matrox.com](mailto:graphics@matrox.com)

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Graphics for Professionals