

# 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 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 ports for HID's (keyboard, mouse, touch screens)
- Customizable setups with Matrox PowerDesk desktop management software
- Windows 7 drivers and Keyboard at POST available with new Extio F2408



## 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.

		New Extio F2408	New Expander	Extio F1400	Extio F1420	Extio F1220	Extio F1240
Part number		XTO2-F2408F	XTO2EX-F2408F	XTO-F1400F	XTO-F1420F	XTO-F1220F	XTO-F1240F
Maximum <sup>1</sup> extension distance	-Single-mode 9/125 µm (OS1, OS2) -Multi-mode 50/125 µm (OM4) -Multi-mode 62.5/125 µm (OM3) -Multi-mode 50/125 µm (OM2) -Multi-mode 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 cable for Extio 2408 connection included	— — — 250 m (820') 150 m (492')	— — — 250 m (820') 150 m (492')	— — — 250 m (820') 150 m (492')	— — — 250 m (820') 150 m (492')
# Displays supported		4	4	4	4	2	2
Maximum resolutions	-Analog -Digital (DVI) -DisplayPort	1920x1200 <sup>3</sup> 1920x1200 2560x1600	1920x1200 <sup>3</sup> 1920x1200 2560x1600	1920x1200 1920x1200 —	1920x1200 1920x1200 —	1920x1200 1920x1200 —	1920x1200 2560x1600 —
Connectors		4 DisplayPort <sup>4</sup>	4 DisplayPort <sup>4</sup>	4 DVI <sup>4</sup>	4 DVI <sup>4</sup>	2 DVI, 2 HD-15	2 DVI, 2 HD-15
USB 2.0 ports <sup>5</sup>		5	—	6	6	6	6
Audio connectors		✓	—	✓	✓	✓	✓
Power input		✓	✓	✓	✓	✓	✓
Firewire ports		—	—	—	2	2	—
Keyboard at Post feature <sup>6</sup>		✓	—	—	—	—	—
Fanless design		✓	✓	✓	✓	✓	✓
Interface card required (sold separately)	-PCIe x1	XTO2A-FESLPAF (16.8x6.9cm)	—	XTOA-FESLPAF (11.9x6.8cm)	XTOA-FESLPAF (11.9x6.8cm)	XTOA-FESLPAF (11.9x6.8cm)	XTOA-FESLPAF (11.9x6.8cm)
	-PCI	—	—	XTOA-FP66LPAF (11.9x6.3cm)	XTOA-FP66LPAF (11.9x6.3cm)	XTOA-FP66LPAF (11.9x6.3cm)	XTOA-FP66LPAF (11.9x6.3cm)
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 1.2"x5.6" 30x2.9x14.2cm	11.8"x 1.2"x5.6" 30x2.9x14.2cm	11.8"x 1.2"x5.6" 30x2.9x14.2cm	11.8"x 1.2"x5.6" 30x2.9x14.2cm
Operating system support <sup>7</sup>	-Windows 7 32/64 bit -Windows XP 32/64 bit -Windows Server 2008 R2 -Windows Server 2003 -Linux	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ WHQL ✓ WHQL —	✓ WHQL ✓ WHQL —	✓ WHQL ✓ WHQL —	✓ WHQL ✓ WHQL —
Warranty		2 years	2 years	2 years	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 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 HIDs only. <sup>6</sup> Keyboard at Post available with Extio F2408 under Microsoft Windows 7, XP, Server 2008 R2, and Linux. Must be standard 104/105 key USB keyboard. <sup>7</sup> For other possible operating systems, contact Matrox.

## 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 port
- j) USB port (Keyboard at POST)
- k) Fiber-optic connector port 1
- l) Fiber-optic connector port 2 (for optional Expander)
- m) Audio-out

## New! Matrox Extio Expander - Easy & Cost Effective Way to Add 4 More Displays

Connect the Extio Expander to Extio F2408 to drive a total of 8 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

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