

# 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)<br>-MMF 50/125 μm (OM4)<br>-MMF 50/125 μm (OM3)<br>-MMF 50/125 μm (OM2)<br>-MMF 62.5/125 μm (OM1)  | 1 km (3280) <sup>2</sup><br>400 m (1312')<br>380 m (1246')<br>150 m (492')<br>70 m (229') | 5 m MMF cable included to connect to Extio F2408          | 1 km (3280) <sup>2</sup><br>400 m (1312')<br>380 m (1246')<br>150 m (492')<br>70 m (229') |
| # Displays supported                     |   | 4   | 4   | 2   |
| Maximum resolutions                      | -Analog<br>-Digital (DVI)<br>-DisplayPort™  | 1920x1200 <sup>3</sup><br>1920x1200<br>2560x1600  | 1920x1200 <sup>3</sup><br>1920x1200<br>2560x1600          | 1920x1200 <sup>3</sup><br>1920x1200<br>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<br>(16.8x6.9cm)   | —   | XTO2A-FESLPAF<br>(16.8x6.9cm)   |
| Extio Dimensions                         |   | 11.8"x 1.1"x5.73"<br>30x2.8x14.6cm  | 11.8"x 1.1"x5.73"<br>30x2.8x14.6cm                        | 11.8"x 1.1"x5.73"<br>30x2.8x14.6cm  |
| Operating system support <sup>7</sup>    | -Windows® 7 32/64 bit<br>-Windows Vista® 32/64 bit<br>-Windows XP 32/64 bit<br>-Windows Server® 2008 R2<br>-Windows Server 2008 32/64 bit <sup>8</sup><br>-Windows Server 2003 32/64 bit<br>-Linux® 32/64 bit | WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>✓                                 | WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>✓ | WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>WHQL<br>✓                                 |
| 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. <sup>5</sup> Official support for USB HIDs 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.

## 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

## 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

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Graphics for Professionals