PRODUCT INFORMATION

Key Features

- ► Stylish, extremely quiet compact Video Wall Controller
- ► Drives a video wall with up to 8 HD outputs and accepts up to 8 HD inputs simultaneously
- ► Drives up to two additional control/engineering consoles
- ► Matrox Mura Certified Platform
- ► Two free PCIe x16 Gen 2.0, one free PCIe x16 mechanical (x1 electrical) and one free PCIe x1 slot
- ► All PCIe x16 slots operate at full x16 bandwith simultaneously
- ► Intel Gen 4 i3, i5 and i7 CPU options
- ► Choice of single or dual redundant power supplies
- ► Up to three internal hard drives, removable caddy option
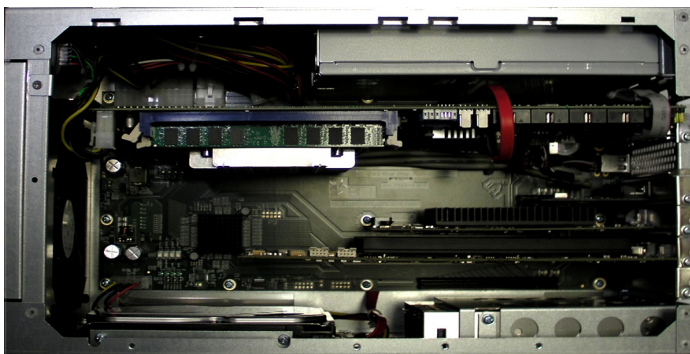- ► High reliability & long life Ultima product

Ultima 2M Video Wall Controller

The Ultima 2M has been designed to be the quietest, highest performance Video Wall Controller for use in Boardrooms, Control Rooms or anywhere where other PCs are too noisy or too large to be considered. The Ultima 2M can be supplied with the latest Intel Gen 4 i3, i5 and i7 processors, the BCT130 PICMG 1.3 single board computer together with our new BP-PCIE-2M/2 video backplane to achieve it's class leading technical and environmental performance.

As with all Ultima Video Wall Controllers the 2M is a Matrox Mura certified platform to ensure that your video wall always looks at its best. The Ultima 2M also provides unrivalled expansion, despite its small and quiet package, with up to three storage drives (two available in the caddy on the rear face) as well as a range of high reliability power supply options.

There isn't another Video Wall Controller in the world to match the looks,compactness or the performance of the Ultima 2M, so if you need the best at an afforable price contact us about our Ultima range now.

www.bluechiptechnology.co.uk or call us now on +44 (0) 1829 772000.

Processors & Memory

▶ Processors

Intel Gen 4 i3 socket LGA 1150 pin

Intel Gen 4 i5 socket LGA 1150 pin

Intel Gen 4 i7 socket LGA 1150 pin

▶ Memory

Minimum 4GB Unbuffered Non ECC DDR3 1333MHz

Maximum 16GB Unbuffered Non ECC

Expansion Slots

▶ BP-PCIE-2M/2 Passive Backplane (free slots)

2 PCIe Gen 2.0 x16 Slots (5.0 GT/s lanes)

1 PCIe Gen 2.0 x16 mechanical, x1 electrical Slot

1 PCIe Gen 2.0 x1 Slot

Matrox Mura Options

▶ Mura MPX-44 (requires PCIe x16 Slot)

4 HD Outputs & 4 HD Inputs

▶ Mura MPX-42 (requires PCIe x16 Slot)

4 HD Outputs 2 HD Inputs

▶ Mura MPX-40 (requires PCIe x16 Slot)

4 HD Outputs & 0 HD Inputs

▶ Mura MPX-SDI (requires PCIe x4 min Slot)

2 DVI Outputs & 2 SDI Inputs

▶ Mura MPX-V8 (requires PCIe x4 min Slot)

8 NTSC/PAL/SECAM Inputs

▶ Mura MPX-V16 (requires PCIe x4 min Slot)

16 NTSC/PAL/SECAM Inputs

▶ Matrox P690 (requires PCIe x16 mech, X1 electrical Slot)

Supports one engineering console

▶ MuraControl for iPad

Free app that creates a touch panel control interface for your video wall

▶ MuraControl for Windows

Feature rich, single-license software that enables precise remote control or local control of your video wall

System

▶ Drive Bay 1 = 3.5" internal hard drive

▶ Drive Bay 2 = 3.5" external caddy which can be supplied with either one or two drives.

▶ RAID options are available.

Power

▶ 300 Watt High Reliability Power Supply 90- 265 Volts AC

▶ 300 Watt Dual Redundant Power Supply 90- 265 Volts AC

Operating System Support

▶ Windows 7 64 bit

▶ Windows Server 2008

Standard Interfaces

▶ 2 Gigabit Ethernet LANs

▶ 2 x USB 3.0 and 2 x USB 2.0 Host Ports

▶ RS232 Port

▶ HD Codec MIC/Line-in/Line-out/Speaker-out

Environmentals/Mechanicals

▶ Operating temperature range

Operating - 0^oC to 35^oC

Storage   - 20^oC to 70^oC

Operating Humidity- 20% to 80% non-condensing

▶ **Operating Shock** - 5G (11ms, 1/2 sine wave)

▶ **Acoustic Noise** - <37dBm at 1 metre @ 25^oC

▶ **EMC**

Emissions EN55022 (A),

Immunity EN55024, Safety EN60950

▶ **Easy to clean fan filter** - no tools required

▶ **Security**

Kensington lock

▶ **Dimensions**

222 x 155 x 430mm (H x W x D)