

TVC4502

TRENTON BUNDLED VIDEO WALL CONTROLLER



TVC4502 Bundled Video Wall Controller

FEATURES

- An integrated hardware and application software bundle that simplifies video wall installations and start-ups
- One pre-installed Matrox Mura-MPX44HF video wall controller board
- Supports four 1080p HD video inputs delivered across four 1080p HD outputs
- Video source switching and compositing from multiple video sources
- HDCP compliant video wall controller platform
- Edge overlap with up to four edge blending projectors
- Local control available via pre-loaded application software
- Remote display wall control capability via various network devices*
- Made in USA for longevity and dependability



TVC4502 OVERVIEW:

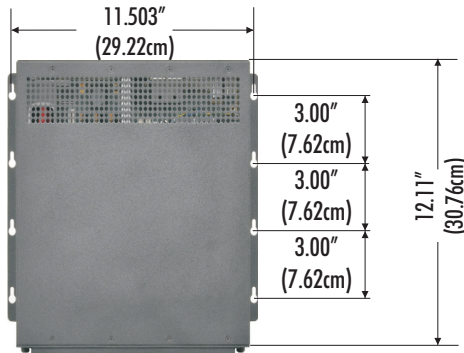
The TVC4502 bundled video wall controller provides customers with a validated Matrox Mura™ MPX and Trenton Systems™ video wall controller hardware and software solution for advanced video display walls. This bundled video wall controller comes ready to deploy right out of the box with applications in corporate environments as presentation systems, public venues, entertainment, education, digital signage, plus industrial and military control rooms featuring up to (4) 1080p high-definition inputs delivered across (4) 1080p high-definition outputs.

The TVC4502 features two front access drive bays that support up to two 2.5" removable and hot swap storage drives. The system's front panel also includes a slim-line optical media bay, two USB ports, diagnostic LEDs, power and system reset switches. The core of the TVC4502 hardware bundle is a Trenton long-life motherboard with one Matrox Mura-44HF fanless video controller board and a robust system power supply. The software bundle is built on the Microsoft® Windows 7 operating system with easy to use MPX Wallcontroller Software and the Matrox PowerDesk

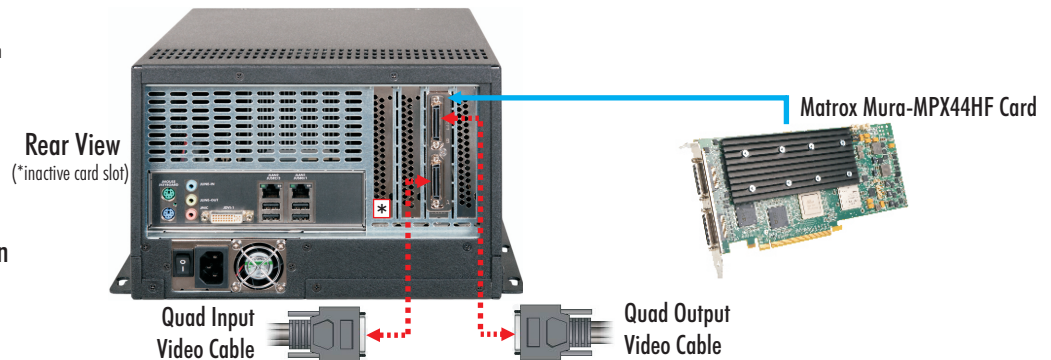
TVC4502 SYSTEM LAYOUT:



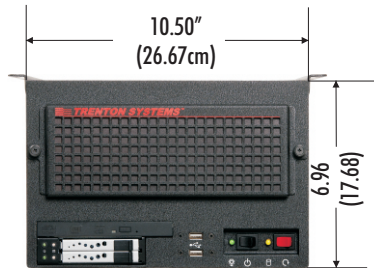
Front View - Upper mounting bracket position for mounting in a console or under a shelf



TVC4502 Wall or Shelf Mount View



Rear View (*inactive card slot)



Front View - Upper Mounting Bracket Position



Front View - Lower Vertical Mounting Bracket

TRENTON BUNDLED VIDEO WALL CONTROLLER: TVC4502

SYSTEM MODEL	DESCRIPTION
TVC4502	Shelf or wall-mountable and ready for immediate deployment via an integrated software and hardware bundled solution for video display wall applications. The

TECHNICAL SPECIFICATIONS:

MODEL NAME	TVC4502
DESCRIPTION	Shelf/wall-mountable computer chassis with two front access drive bays, a UP motherboard ,a Matrox Mura MPX card ,O/S and video wall application software
OPERATING SYSTEM SOFTWARE	Microsoft Windows 7 (installed)
VIDEO WALL CONTROLLER SOFTWARE	MPX Wall Controller Software (installed)
DEVICE DRIVER SOFTWARE	Matrox Power Desk (installed)
MATROX MURA MPX CARD	Fanless Universal Output/Input Board: Mura MPX-44HF (installed)
MOTHERBOARD	Trenton JXMI8001 with one Intel® Xeon® C5500 Series processor and multiple I/O and network interfaces
MOTHERBOARD BIOS	0ABYIA04
SYSTEM MEMORY INSTALLED	4GB
REAR CHASSIS MB INTERFACES	2 - 10/100/1000Base-T Ethernet, 4 - USB 2.0, 1 - DVI-I Digital/Analog Video, HD Audio (Line In, Line Out, MIC), PS/2 Mouse, PS/2 Keyboard
DRIVE BAYS	1 - Front access HDD bay may be used to support either 1 - 3.5" or 2 - 2.5" hot swap storage drives, 1 - Optical media drive bay
POWER SUPPLY	1 - 1U, EPS, 550W, 90-264 VAC full range
COOLING	2 - 92mm Fans (front-mounted), 102 CFM each
INDICATORS	LEDs for HDD activity and Power Status
FRONT PORTS and SWITCHES	2 - USB 2.0, 1 - Power On/Off, 1 - System Reset
AIR FILTER	Front access system filter requires no tools for fast and easy filter cleaning and maintenance
CHASSIS MOUNTING	Flexible mounting bracket locations enable horizontal or vertical shelf, wall, console, workstation and OEM machine equipment installations
CHASSIS NET WEIGHT	18.4 Lbs. (8.4 Kgs.) - Includes chassis, JXMI8001 motherboard, Matrox Mura-MPX44HF video controller board and the system power supply only
METRIC DIMENSIONS	26.67cm (W) x 17.68cm (H) x 30.76cm (D)
ENGLISH DIMENSIONS	10.50" (W) x 6.96" (H) x 12.11" (D)

NOTES:

*Network display wall control capability is software dependant and does require additional software components and set-up tasks
1. The chassis photos shown on page one are for illustrative purposes only

Trenton Systems offers complete system integration for a wide variety of military and industrial computer form factors and well as other types of video display wall controller platforms. Other system integration services include loading and testing of industry standard or COTS option cards as well as custom designed boards.

Standard industry certifications and approvals for your specific system configuration are also available from Trenton Systems.

Final system weight, environmental specifications and total power consumption estimates are a function of the specific system

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Graphics for Professionals

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