TSMD-2

TRENTON 5U STREAMING MEDIA DECODER CHASSIS

FEATURES

- Matrox validated solution supports multiple Matrox SMD-2 boards
- Decodes multiple network video streams on each Matrox SMD-2 board
- Support for up to eight Matrox Streaming Media Decoder-2 boards
- Enables support for hundreds of video streams on a display wall in a wide variety of supported resolutions and video formats
- Dedicated IP video decoding frees up the host computer for other tasks such as security monitoring, traffic management and process control
- Rugged and lightweight aluminum chassis
- Made in U.S.A for longevity and dependability

Trenton TSMD-2
Streaming Media Decoder Chassis

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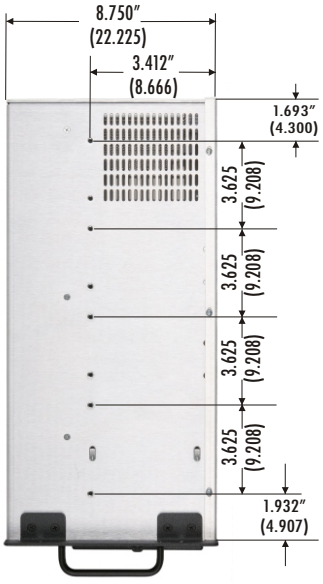
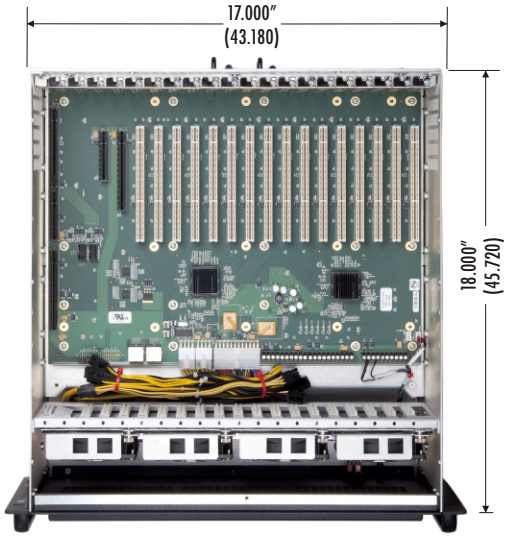
TSMD-2 OVERVIEW:

The Trenton TSMD-2 is a great way to off-load a video display wall host computer from the resource-intensive tasks of video decoding and video streaming in high-end video capture and display applications. The TSMD-2 streaming media decoder chassis supports up to eight Matrox SMD-2 Series streaming media decoder boards producing a cost effective, high density IP video decoding solution for large scale collaborative video walls. The TSMD-2 simplifies large scale visualization across an array of displays using multiple video streams from a variety of edge devices such as IP cameras, encoders, media servers and NVRs. Utilizing a Trenton TSMD-2 in video display wall installations in military command & control, industrial process control, traffic management and security monitoring centers enables superior video display wall performance combined with Trenton's noted system flexibility, long-life product stability and engineer-oriented technical support.

TSMD-2 CHASSIS LAYOUT DRAWING - BPX6571 BACKPLANE / MATROX SMD-2 STREAMING MEDIA DECODER CONFIGURATION:

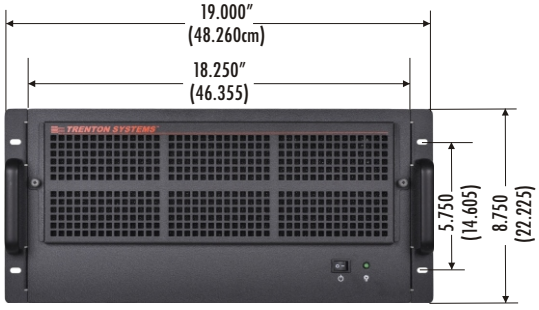


Left Side View



Top View

Rear View



Front View

TRENTON STREAMING MEDIA DECODER CHASSIS: TSMD-2

CHASSIS MODEL	DESCRIPTION
TSMD-2	5U streaming media decoder chassis that features a secure front panel design and up to eight Matrox SMD-2 Series Streaming Media Decoder boards

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TECHNICAL SPECIFICATIONS:

MODEL NAME	TSMD-2
DESCRIPTION	5U rackmount streaming media decoder chassis with an 18" depth and support up to eight Matrox SMD-2 Series boards
CHASSIS STANDARD	EIA RS-310C 19" Rackmount Standard
CONSTRUCTION	Lightweight Rugged Aluminum
COLOR	Black
VERSION	19" Rackmount chassis with a backplane configuration supporting up to eight Matrox SMD-2 streaming media decoder boards
STREAMING MEDIA DECODER BOARD	Matrox SMD-2 - Incoming video from multiple video streams delivered to the TSMD-2 via Ethernet interfaces, decoded and sent to a Matrox Mura video controller system for video wall capture and display
BACKPLANE CONFIGURATION	Trenton BPX6571 backplane provides powered PCI-X card slots that enable the Matrox SMD-2 boards to accept incoming media streams and deliver decoded video outputs in various resolutions and data formats to support real-time display on a grid of display devices
POWER SUPPLY	Micro-Redundant ATX/EPS 650W
COOLING	4 - 120mm Fans, 90CFM each
INDICATORS	LED for System Power ON/OFF
SWITCH	Power ON/OFF
HOLD DOWN BAR	Flexible hold down bar for the Matrox SMD-2 boards for added security in high vibration environments
AIR FILTER	Front tool-less access to the system filter for easy cleaning and maintenance
CHASSIS NET WEIGHT	30.0 Lbs. (13.6 Kg.) - Includes chassis, backplane and power supply only
METRIC DIMENSIONS	48.26cm (W) x 22.23cm (H) x 45.72cm (D)
ENGLISH DIMENSIONS	19.00" (W) x 8.75" (H) x 18.00" (D)

Trenton Systems offers complete system integration of a wide variety of standard and customer supplied operating systems and application software packages. Various Microsoft®, Linux and RTOS operating systems can be loaded on to your system by our highly skilled factory technicians. 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 configuration. Preliminary estimates and final validated values are provided by Trenton for each rackmount computer system we build.

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NOTES:
1. The chassis photos are shown for illustrative purposes only.

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