

# TMM3500

## TRENTON 2U 3-PANEL RACKMOUNT LCD MONITOR DRAWER



**Trenton TMM3500 Triple-Screen LCD Monitor Drawer**  
Factory-configured with three 17" LCDs in a retractable drawer

### FEATURES

- Three 17" LCD monitors in a shallow-depth (20"/51cm) 2U rackmount monitor drawer saves valuable component space
- Secure monitor mounting and stabilization features enable a wide range of viewing positions and secure display storage
- Supports a wide variety of video inputs
- High contrast ratios (450:1) and wide viewing angles (up to 80°) with native WUXGA (1920x1200) resolutions deliver superior readability performance
- Rugged all aluminum enclosure construction designed for light weight system requirements

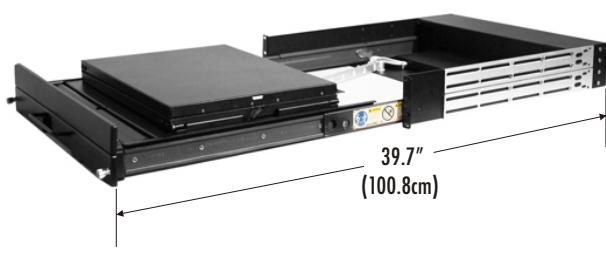


### TMM3500 OVERVIEW:

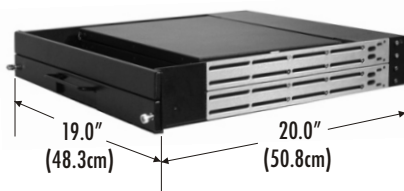
Trenton's TMM3500 delivers high performance, three-screen system monitoring capability in a shallow 20"/51cm component depth while only taking up two rackmount height units. The three 17" high-performance LCD displays featured in the Trenton TMM3500 deliver superior graphics and image clarity in complex and multi-faceted military system installations, human machine interface (HMI) control applications, process automation systems, broadcasting control facilities and medical imaging applications. Only 3.5" (8.9cm) of 19" rackmount component height is needed by the TMM3500 and this rackmount triple-display monitor drawer fits inside component racks with depth dimensions ranging from 20" to 36" (51cm - 91cm). The TMM3500 rugged enclosure, shallow depth dimension and robust monitor hinge and rackmount slide designs are ideal for transit cases, flight packs and other mobile installations.

The LCD displays featured in the TMM3500 measure 17" each on the diagonal and use the active matrix thin-film transistor (TFT) display technology. The displays feature wide viewing angles that enable easy monitor reading over a wide range of display positions. Each monitor supports display resolutions up to 1920 x 1200 pixels (WUXGA) with contrast ratios of 450:1.

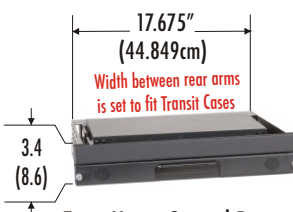
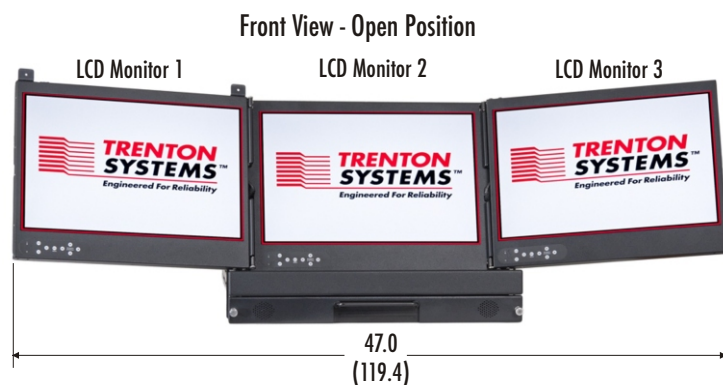
### TMM3500 MECHANICAL LAYOUT:



TMM3500 Open Position With Maximum Extension



TMM3500 Closed Position With Minimum Extension



Front View - Stowed Position



Front View - Closed Position

### TRENTON LCD MONITOR: TMM3500

SYSTEM MODEL	DESCRIPTION
TMM3500	Triple-screen 2U rackmount monitor drawer features three, 17" LCD monitors with high contrast ratios, native WUXGA resolutions for superior readability

**TECHNICAL SPECIFICATIONS:**

MODEL NAME	TMM3500
DESCRIPTION	Triple-screen 2U rackmount monitor drawer with three 17" LCD monitors with high contrast ratios and native WUXGA screen resolutions
MONITOR SIZE	Each monitor has a 17" LCD diagonal display area dimension
MONITOR TYPE	Each monitor features a 17" TFT Active Matrix LCD with long-life and uniform backlighting coverage
MONITOR ASPECT RATIO	16:10 (each monitor)
MONITOR RESOLUTION	1920 x 1200, WUXGA with a color depth of 16 million colors (each monitor)
MONITOR BRIGHTNESS	340 NITS cd/m <sup>2</sup> with a contrast ratio of 450:1 and each monitor has a response time of 30 (Tr/Tf)(ms)
MONITOR PIXEL PITCH	0.191mm x 0.191mm (H x W)
MONITOR VIEWING ANGLE	80° Left of vertical center and 80° Right of vertical (160° total), 60° Up over horizontal center and 70° Down from horizontal center (130° total)
SURFACE GLASS TREATMENT	Glare and hard-coating (2H) with low reflection treatment
TOUCHSCREEN	Optional resistive touchscreen available upon request
VIDEO CONNECTORS	3 sets of: Analog RGB (D-15 VGA), DVI-D, S-Video, CVS, YPbPR and Audio
POWER MANAGEMENT	EPA energy star, VESA compliance
POWER SUPPLY	+12V DC low-power operation via 110/220VAC power adapter
TEMPERATURE	0° to 45° C. Operating and -30° to 65° C. Non-operating
HUMIDITY	5% to 90% RH Operating and Non-operating (non-condensing)
ALTITUDE	70 Kpa 48 Hours (operating) and 26 Kpa 48 Hours (storage)
SLIDE RAILS & MONITOR HINGES	Pre-integrated ball-bearing slides with cable management guides & Heavy-duty torque hinges support up to 60 lbs. (27.24 kg)
DIMENSIONS	19.0" / 48.3cm (W) x 3.5" / 8.89cm (H) x 20" / 50.8cm (D), designed for mounting in 20" - 36" (50.8 cm - 91.44cm) deep racks
NET WEIGHT	48Lbs. (21.79Kg.)

Trenton Systems also offers complete rackmount computer system manufacturing and integration services using a 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 Trenton Systems computer hardware 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 rackmount computer system configuration are also available from Trenton Systems.

**NOTES:**

1. The LCD monitor drawer photos are shown for illustrative purposes only.

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