



Trenton TKM1500 Monitor / Keyboard Drawer
Factory-configured with a 17" LCD and full-size keyboard

FEATURES

- Rackmount monitor saves valuable space for system installations
- Enclosure design supports multiple LCD viewing angles
- 17" Active Matrix TFT LCD provides a wide viewing area
- Full-size 104-key membrane keyboard with built-in glide pad mouse
- Lightweight aluminum enclosure design weighs less than 20 lbs.
- Clamshell enclosure design enables more component placements

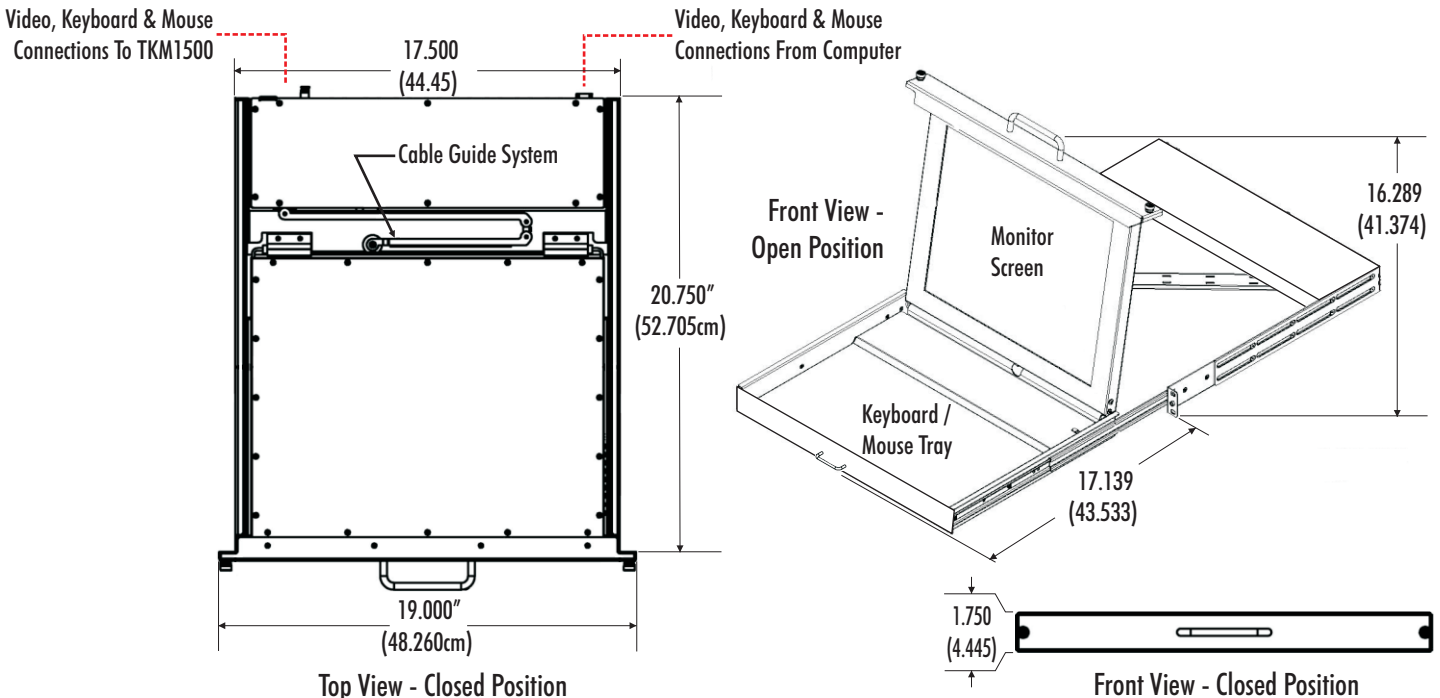


TKM1500 OVERVIEW:

The Trenton TKM1500 is a rackmount monitor and keyboard drawer that uses only 1U (1.75"/4.45cm) of 19" component height and fits inside racks with depth dimensions from 21" to 36" (53.3cm - 91.4cm). The rugged all aluminum design on the TKM1500 is ideal for applications where total component rack weight is a primary consideration. The component rack savings provided by the TKM1500 frees up mounting space for additional rackmount computer and server hardware; thereby, enabling a more efficient use of available floor space in broadcast, industrial automation, telecom and military applications.

The LCD display featured in the TKM1500 measures 17" on the diagonal and uses the active matrix thin-film transistor (TFT) display technology to provide an easy reading display with a wide viewing angle. This 4:3 aspect ratio monitor supports display resolutions up to 1280 x 1024 pixels (SXGA) and over 16 million display colors. The mounting of this ultra-thin LCD monitor in the display's tilt frame on the TKM1500 provides a dynamic range of reading positions. The keyboard with the built-in mouse simplifies hardware mounting and cable routing.

TKM1500 MECHANICAL LAYOUT:



TRENTON LCD MONITOR: TKM1500

SYSTEM MODEL	DESCRIPTION
TKM1500	1U rackmount monitor / keyboard drawer featuring a 17" LCD monitor supporting SXGA resolutions and a standard keyboard with a built-in mouse

TECHNICAL SPECIFICATIONS:

MODEL NAME	TKM1500
DESCRIPTION	1U, rackmount LCD monitor and keyboard drawer supports a 17" monitor and a full-size keyboard with built-in mouse pad
MONITOR SIZE	17" Diagonal, Ultra Thin [0.925" (2.35cm) depth includes the monitor frame and housing], 13.3" / 33.8cm W x 10.6" / 27.0cm H active display area
MONITOR TYPE	TFT Active Matrix LCD with Patterned Vertical Alignment (PVA) for superior contrast ratios and four CCFLs for long-life, uniform backlighting coverage
MONITOR ASPECT RATIO	4:3
MONITOR RESOLUTION	1280 x 1024, SXGA with a color depth of 16 million colors (maximum)
MONITOR BRIGHTNESS	250 NITS cd/m2 with a contrast ratio of 600:1 and a monitor response time of 10 (Tr/TF)(ms)
MONITOR PIXEL PITCH	0.264mm x 0.264mm (H x W)
MONITOR VIEWING ANGLE	89° Left of vertical center and 89° Right of vertical (178° total), 89° Up over horizontal center and 89° Down from horizontal center (178° total)
SURFACE GLASS TREATMENT	Haze 44%, Hard Coat (3H)
VIDEO CONNECTOR	1 - D-15 RGB (VGA) connector standard with optional DVI-D support is featured with the monitor's built-in V052 video controller card
KEYBOARD and MOUSE	Full-size, 104-key IBM compatible USB keyboard with a built-in Cirque 2-button slide pad mouse
POWER SUPPLY	+ 12V DC low-power operation, provided by an external supply with a + 12V to 14.5 DC output range / 60W max. and 100-240V AC input range
TEMPERATURE	0° to 50° C. Operating and -20° to 60° C. Non-operating
HUMIDITY	20% to 90% RH Operating (non-condensing) and 5% to 90% RH Non-operating (non-condensing)
SLIDE RAILS	Pre-integrated ball-bearing slides with cable management guides
MOUNTING	Standard 19-inch component rack
MONITOR HINGE	2 – Heavy-duty torque hinges support up to 60 lbs. (27.24 kg)
DIMENSIONS	19.0" / 48.3cm (W) x 1.75" / 4.45cm (H) x 20.75" / 52.71 cm (D)
NET WEIGHT	18 lbs. (8.17 Kg)

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 monitor / keyboard tray photos are shown for illustrative purposes only.

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TRENTON Systems Inc. • 2350 Centennial Drive, Gainesville, Georgia 30504 • Sales: (800) 875-6031 • Phone: (770) 287-3100 • Fax: (770) 287-3150

E-mail: Sales@TrentonSystems.com • Web: www.TrentonSystems.com

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