



901D, LLC
P.O. Box 615
360 Route 59
Tallman, NY 10982-0615

Enclosures and solutions for
COTS protection

Tel: 845-369-1111
Fax: 845-369-0531
E-mail: info@901d.com
Web: www.901d.com

Rugged 2RU workstation – 17" flat panel display

901D proposes an EIA 19" wide, 2 RU (3.5' H) Workstation Center which is only 23.75' deep. The basic Workstation Center includes: one (1) Rugged FPD 17" viewable color Flat Panel Display; a rugged integrated PS/2 keyboard / trackball, and one of the ruggedized KVM switch options listed below. The total weight of this 2RU Workstation Center, including the 17" FPD, keyboard/ trackball and optional KVM switch is 45 lbs,

FEATURES:

17" flat panel display (FPD) is the next evolutionary display product in ongoing rugged flat panel development efforts. The rugged 17" FPD is designed to meet the Grade A MIL-STD "shock" and "vibration" requirements encountered in the harsh shipboard environment. Weighing only 10.4 lbs., the rugged metal enclosure of the display is only 1.9" deep. With a 17.0" viewable display, native resolution capabilities from 640 x 480 up to 1280 x 1024, a contrast ratio of 200:1 (minimum); and dual inputs for video, the rugged display is a versatile, and extremely capable FPD, requiring only 40 watts of power. In the 2RU Workstation configuration, the 17" Rugged FPD locks in the down position and in two different "up" positions for safety. When the display is stored inside the Workstation, an internal interlock switch turns off power to the FPD if it has been inadvertently left on before stowing.

Integrated Rugged Keyboard / Trackball., Mounted in the 2RU Workstation, this rugged keyboard / trackball meets the Spill/Rain/Dust Proof requirements of MIL- STD 810. It is also EMI/RFI/TEMPEST/EMP Compliant. The integrated Optical Force Sensor Pointing Device (trackball) with a three (3) button capability and companion keyboard can be expected to perform all required mission support activities with virtually trouble free operation throughout its projected 69,000 hour MTBF lifetime (almost eight (8) calendar years!). This rugged integrated keyboard/ trackball has been mounted at just the right distance from the front edge of the tray to provide operators with an fully functional ergonomic support rest



OPTIONS:

Base unit with keyboard, trackball, 17" FPD, without KVM option -

Master Console MX4X8 Switch Option: The custom Master Console is an intelligent HMI switch that allows up to four users to interact with eight separate computers. This local user position eliminates the need for "processor specific" (dedicated) administrator workstations, which saves valuable rack space and reduces the overall number of required workstation maintenance positions. This reduces both the investment in initial acquisition and spacing. The advanced on-screen user interface makes its operation both simple and secure.

CompuSwitch IX8 Switch Option: This KVM switch allows a single user to select and interact with one of eight computers. This single user to eight computers reduces the space required for the other seven user interfaces. Basic unit with 1 X8 KVM Switch, keyboard, trackball, and 17" FPD