

Model TEEDS-3LCDUXGA-WS is a low cost, color flat panel workstation for industrial and military applications. This package features state of the art computing Electronics paired with 3 high resolution 20.1" monitors all housed in a console that is both light weight and rugged.



LCD SPECIFICATIONS (x3)

DISPLAY TYPE: Active matrix, (TFT), 6bits/color
SIZE: 20.1"
RESOLUTION: 1600 pixels by 1200 colored pixels
BRIGHTNESS: 250 Nits
CONTRAST RATIO: 350: typical
PIXEL DIMENSION: .255 x .255 inch
COLOR: 16 million colors
DISPLAY MODE: Normally black
VIEWING ANGLE RANGE
VERTICAL: 85deg
HORIZONTAL: 85deg
DIMMING: full
DATA INPUTS: VGA (DVI & NTSC Video input optional)
INPUT POWER: 12VDC, 28VDC, 110 AC, 47 to 63 Hz
TEMPERATURE: Operating Ambient; 0 c to +50c non-operating -20 C to +75 C

General Data

Power Consumption: Less than 75 Watts
Weight: Less than 25 Lbs
Cooling: Natural Convection
MTTR: Less than .5 hours
MTBF: 10,000 hours
Environment: WILL MEET
Shock: Mil Std 810E, Mil S 901
Vibration: Mil Std 167
EMI: Mil Std 461D
Drip Proof: Mil Std 810E
Sand & Dust: Mil Std 810E

LCD OPTIONS

Touch Panel Acoustic, infrared, Digital
Low temperature Operating -40 C to +60 C
Low temp storage -40
NTSC, PAL Video, Rentium
Pentium and X terminal capabilities
Brightness 300 Nits to 1800 Nits.
Explosive Atmosphere
Crash Worthiness
NVIS Compatible

CONSOLE SPECIFICATIONS

3 x 20.1 inch UXGA LCD displays
Intel based Server motherboard
Uninterruptible power supply
Back lit Keyboard, Trackball and Number pad
20 U of additional rack space
overall dimension: 48" H x 57" W x 48" D
weight: less than 400 lbs (not including electronics)
3 tier design allows for easy transportation and deployment

COMPUTER SPECIFICATIONS: (subject to change as per customer request)

4 U Rack mount chassis
Dual Intel Xeon 5440 quad core processors @2.83 Ghz
4 GB of FB-DIMM ECC DDR2 SDRAM (up to 64 GB)
Dual NVIDIA based graphics cards (support for up to 4 displays)
650 W Redundant power supply
Hot swappable hard drives (customer specifies storage size requirements)
4 Gigabit Ethernet connections (2 on board, 2 on Intel PCI card)
DVD-ROM drive (blue ray optional)
6x USB connections 4 on rear 2 on front
2x IEEE 1394 (firewire) internal
2 open PCI-X slots (64-bit 133MHz (3.3v))
1 open pci slot (32-bit (3.3v))

