P/N TEI20.1-1U

20" INDUSTRIAL SERIES NEMA 4 RATED, 1U COMPUTER WORKSTATION

Tech Electronic Systems, Inc.

Display Features Overview	
Backlight	High bright LED sunlight readable (optional)
Finish	Black powder coat standard
Mount	19 inch rack mount
User Controls	Front mounted sealed silicone
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection / Fan

Display Characteristics	
Display size	20.1" diagonal
Resolution	1600 x 1200 colored pixels
Colors	16.7 million
Pixel Pitch	0.255mm(H) x 0.255mm(V)
Brightness	300cd/m^2
Viewing Angle	+/-89 deg vertical axis : +/- 89 deg horizontal axis
Contrast Ratio	800:1
Power	External 100-240 VAC universal
Signal Connector	D-sub 15 pin & DVI
Input Signal	RGB standard analog
User Control	OSD (auto Saving)
Plug and Play	VESA DDC1/2B
Power Management	VESA DPMS compliant

Data Inputs	
USB	(X3) usb 2.0 standard (+ 1 internal for touch screen)
ETHERNET	(X1) 10/100 Base T
RS232	(x1) RS232 (over Ethernet RJ45 style line)

Computer Specifications			
CPU	600 Mhz processor (standard)	Hard Disk	8GB solid state drive
Memory	256 MB, DDR	LAN	10/100 Base T
Operating System	WIN-XP, QNX, Linux	Mouse	Key board with track ball

Computer Options			
CPU	400 MHz up to 2.5 Ghz Intel Core i7	Memory	Up to 4 GB DDR2 SODIMM with Intel Core i7
CPU (low power)	Intel Atom 1.1-1.6 Ghz (2.64 watts TDP with 45nm process)	Hard Disk	Up to 512GB solid state
X-term	Thinmanager capable		

Environmental Characteristics			
Operating temp	-10 to 50 C	Non-operating	-40 to 60C

Mechanical Characteristics			
Rack mount	1U 19 inch rack mount design	Weight	Less than 30 lbs

Display Options			
Touch Screen	Resistive, Capacitive, acoustic. RS232 or USB connection	High Bright	Up to 1000 nits
Video input	NTSC PAL	DC power	8-16VDC & 18-36 VDC