

10.4 INCH FULLY SEALED COMPUTER WORKSTATION



Display Features Overview	
Backlight	High bright LED sunlight readable (optional)
Touch Screen	Standard resistive touch control
Mount	Rear VESA mount standard
Auto Position / Settings	Auto position resolution scaler from 640x480 to 1600x1200
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection / Fan
Controls	Front mounted with full dimming capabilities
Mouse	Side mounted micro module mouse standard

Display Characteristics	
Display Size	260 mm diagonal
Resolution	640 X 480 colored pixels
Colors	262,144.00
Active Area	(H)158.4mm x (W)211.2mm
Pixel Pitch	.33mm(H) x 0.33mm(V)
Brightness	450 cd/m ²
Viewing Angle	Vertical: +/- 50 deg Horizontal: +/- 70 deg
Contrast Ratio	600:1 Typical
Response Time	10ms
Power Input	standard 24VDC : optional external 85-264 VAC 47 TO 63 Hz
Power Consumption	Less than 50 watts standard (may vary depending on computer specifications)

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)
Video Input	Optional (x4) selectable VGA inputs

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	

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		

Mechanical Characteristics	
Bezel Dimensions	Outer dimensions (H)9.38" x (W) 11.94" (over all depth) 2.00"
Weight	Less than 15 Lbs
Cooling	Natural convection/ fan

Environmental Characteristics (designed to)			
Shock	Mil-S-901D, Grade A, Class1 Type A Mil-STD-810E	Vibration	Mil-STD-167-1a, Type 1
EMI	Mil-STD-461E	Drip Proof	Mil-STD-810E
Sand & Dust	Mil-STD-810E	Operating temp	-25 to 55 C
Non-operating temp	-40 to 70C		