

6.4 INCH COMPUTER WORKSTATION



Display Features Overview	
Backlight	High bright LED sunlight readable (optional)
Touch Screen	Standard resistive touch control
Mount	Flange mount design Rear VESA mount optional
Auto Position / Settings	Auto position resolution scaler from 640x480 to 1600x1200
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection / Fan

Display Characteristics			
Display Size	163.2 mm diagonal		
Resolution	640 X 480 colored pixels		
Colors	262,144.00		
Active Area	(H)97.92mm x (W)130.56mm		
Pixel Pitch	.068mm(H) x 0.204mm(V)		
Brightness	250 cd/m ²		
Viewing Angle	Vertical: +/- 55 deg Horizontal: +/- 65 deg		
Contrast Ratio	400:1 Typical		
Response Time	10ms		
Power Input	85-264 VAC 47 TO 63 Hz (optional 12 & 24VDC)		
Power Consumption	Less than 60 watts (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		
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)5.75" x (W) 7.75" (over all depth) 4.58"		
Weight	Less than 10 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		