

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	10.4" diagonal
Resolution	640 x 480 colored pixels
Colors	262,144.00 colors
Pixel Pitch	0.33mm(H) x 0.33mm(V)
Brightness	800 cd/m ² standard / optional 1500 cd/m ²
Viewing Angle	+/- 70 deg horizontal +/- 50 deg Vertical
Contrast Ratio	600:1
Signal Connector	D-sub 15 pin & DVI
Input Signal	RGB standard analog
User Control	OSD (auto Saving)
Power Input	input: 28VDC / 12VDC : 110AC / 220AC
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)
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	
Panel mount	VESA rear mount / flange mount design / 19 inch rack mount via bracket
Chassis	All aluminum alloy, fully welded construction.

Environmental Characteristics			
NEMA	NEMA 4X certified	Ingress Protection	IP67 certified standard / optional IP68 upon request
Shock (designed to)	Mil-S-901D, Grade A, Class1 Type A Mil-STD-810E	Vibration (designed to)	Mil-STD-167-1A, Type 1
Operating temp	-10 to 50 C	Non-operating	-40 to 60C