

**19.1 INCH RACK MOUNT  
 COMPUTER WORKSTATION**



Display Features Overview	
Backlight	High bright LED sunlight readable (optional)
Touch Screen	resistive touch (optional)
Anti Reflective Coating	AR coating minimizes specular reflections
Mount	19 inch rack 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	micro module mouse (optional)

Display Characteristics	
Display size	19" diagonal
Resolution	1280 x 1024 colored pixels
Colors	16.7 million
Pixel Pitch	0.098mm(H) x 0.294mm(V)
Brightness	800 cd/m <sup>2</sup> standard / optional 1500 cd/m <sup>2</sup>
Viewing Angle	Vertical: +/- 80 deg Horizontal: +/- 80 deg
Contrast Ratio	800:1 Typical
Signal Connector	D-sub 15 pin & DVI
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	(X2) usb 2.0 front & (2x) usb 2.0 rear standard (1x front with touch screen option.)
ETHERNET	(X1) 10/100 Base T
RS232	(x1) RS232 (over Ethernet RJ45 style line optional)
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	(optional) micro module 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	
Panel mount	19 inch rack mount
Chassis	All aluminum alloy, CNC front bezel and fully welded rear cover.

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