

**20.1 INCH WATER TIGHT
 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	Side mounting lugs / 19 inch rack mount bracket optional
Auto Position / Settings	Auto position resolution scaler from 640x480 to 1600x1200
RoHS	Lead free RoHS compliant (optional)
Cooling	Natural Convection
Controls	Front mounted with full dimming capabilities
Alarm/speaker	2W 87dB+/-2(1W, 1m) at 1200Hz

Display Characteristics	
Display Size	510.54 mm diagonal
Resolution	1600 X 1200 colored pixels
Colors	16.7 million
Active Area	(H)306.0mm x (W)408.0mm
Pixel Pitch	.255mm(H) x 0.255mm(V)
Brightness	300 cd/m ²
Viewing Angle	Vertical: +/- 80 deg Horizontal: +/- 80 deg
Contrast Ratio	800:1 Typical
Response Time	6ms
Power Input	85-264 VAC 47 TO 63 Hz standard (redundant supplies optional) : 12 & 24 VDC optional
Power Consumption	Less than 125 watts (may vary depending on computer specifications)

Data Inputs (all mounted on bottom)	
USB	(X4) usb 2.0
ETHERNET	(X2) 10/100 Base T
RS232	(x1) RS232 (over Ethernet RJ45 style line optional)
Video Input	(x1) DVI (vga optional)

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	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	
Bezel Dimensions	Outer dimensions (H)20.00" x (W) 20.00" (over all depth) 6.85"
Weight	Less than 50 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		