

**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 |
| 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 (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 | (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 | Side mounting lugs / 19 inch rack mount with bracket optional |
| 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 |