



Solutions for Demanding Applications

## 10.4" Fully-Enclosed NEMA 4X (IP66) VESA Mount LCD Monitor and Computer



VarTech's multi-functional, user friendly, industrial grade VESA mount 10.4" NEMA 4X (IP66) fully enclosed touch screen computer offers extensive features, is housed in a gasket sealed 316-type stainless steel enclosure, is incorporated with a 400 nit (cd/m<sup>2</sup>) bright active matrix TFT display and is integrated with Intel's Atom N270 1.6GHz Processing Technology. The system has no external vents, so nothing can get under its skin; including weather, dust, dirt, moisture, oil, chemicals or other harsh contaminants. With its lightweight yet rugged construction and either pre-cabled or bulkhead connectors, these models are easily mounted on walls, stands, arms or other industrial equipment. With optional brackets, it conforms to VESA mounting standards.

### FEATURES

- 10.4" Bright Active Matrix TFT Display, 400 nits (cd/m<sup>2</sup>)
- Powered by Intel Atom N270 1.6GHz Processor
- 2 GB 200-pin SO-DIMM DDR 333/400MHz
- No Heat Sink for Slimmer, Lighter Design
- Resistive Touch Screen Standard (other technologies available)
- Windows XP Professional Operating System (optional Windows Embedded or Windows 7)
- High Contrast Ratio & Definition, Outstanding Vivid Color & Image Quality
- NEMA 4X (IP66) 316 Stainless Steel Sealed Enclosure
- Bottom Exiting Cable Connectors
- Wide Color Gamut
- 16.8 million colors
- Energy Efficient, Low Power Consumption
- High Environmental Performance and Reliability
- Anti-Reflective Protective Window
- SVGA (800 x 600) Resolution, optional XGA 1024 x 768
- Wide Operational Temperature Range, -10°C to +55°C (14°F to +131°F)(optional extended temperature ranges available)
- RoHS Compliant
- Engineered and Manufactured by VarTech Systems, an ISO 9001 Registered Company
- Engineered, Fabricated and Assembled in the USA
- Two (2) Year Warranty

### SPECIFICATIONS

- **10.4" SVGA (800 x 600) LCD**
- **Brightness:** 400 nits (cd/m<sup>2</sup>)
- **CPU:** Intel® Atom™ N270, 1.6 GHz Processor with a 533 Mhz FSB
- **System Memory:** 2GB DDR2 533 SO-DIMM
- **Disk Drive:** 320GB Standard (Up to 1TB Available)
- **Operating System:** Windows XP Pro (optional Windows Embedded Standard or Windows 7)
- **I/O Interface Connectors:**
  - 1 Power
  - 1 LAN
  - 1 RS-232
  - 1 USB
  - Another USB or a Serial port
- **Contrast Ratio:** 500 to 1
- **Viewing Angles:** Horizontal: 140° / Vertical: 130°
- **Graphics:** Intel Generation 3.5 integrated GFX Core (133Mhz)
- **Operational Temperatures:** -10°C to +55°C (14 to 131F)
- **VESA Mountable** (100mm) 316 Stainless Steel Gasket Sealed Enclosure
- **EMI/EMC:** Designed to meet FCC Class B
- **Environmental Design:** NEMA 4X (IP66)
- **Resistive Touch Screen**
- **Dimensions:** 12.5" (W) x 14.37" (H) x 3.13" (D)  
Height is 10.50" when not allowing for connections at bottom
- **Weight:** 10 lbs.

#### Marks of Conformity:

Product Safety: UL60950-1/CSA C22.2 No. 60590-1 (2006/95/EC, EN 60950-1:2006, IEC 60950-1:2005) FCC47 CFR part 15, subpart B  
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997  
Canada: ICES-003  
Australia/New Zealand: AS/NZS CISPR 22  
CE  
RoHS WEEE

### OPTIONAL

- Alternate Touch Screen Technologies: Capacitive or Armor Touch
- Up to 1TB Hard Drive Available
- Can Support Dual Hard Drives
- Wireless Connection
- XGA (1024 x 768) Resolution
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity (VBOND)
- Optional Operating: -20°C ( -4°F ) to 70C (158F)
- Private Label for OEM/VAR Applications
- For Rear Exiting connectors please see VTPC104VSAR
- Available with adjustable tilt pedestal

### CONTACT

#### HEADQUARTERS

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