



Solutions for Demanding Applications

10.4" Class1/Div2 Certified Fully-Enclosed NEMA 4X (IP66) VESA Mount LCD Monitor and Computer



VarTech's industrial grade, Class 1 Division 2 Hazardous Area certified, 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 230 nit (cd/m²) bright active matrix TFT display and is integrated with Intel's Atom N270 1.6GHz Processing Technology. The system multi-functional, user friendly 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 this VESA mount model is easily mounted on walls, stands, arms or other industrial equipment.

FEATURES

- Class 1 Division 2 Hazardous Area Tested and Certified by an Independent Agency
- 10.4" Bright Active Matrix TFT Display, 230 nits (cd/m²)
- Powered by Intel Atom N270 1.6GHz Processor
- 2 GB 200-pin SO-DIMM DDR 333/400MHz
- 320 GB SATA Fast Access Disk Drive Standard (Up to 1TB Available)
- 100mm VESA Pattern Mounting
- NEMA 4X (IP66) Enclosure, Stainless Steel 316
- 120-240 VAC 1.5A 50/60 Hz Power
- Resistive Touch Screen Standard
- Windows XP Professional Operating System (optional Windows Embedded or Windows 7)
- High Contrast Ratio & Definition, Outstanding Vivid Color & Image Quality
- Wide Color Gamut
- 16.8 million colors
- Energy Efficient, Low Power Consumption
- High Environmental Performance and Reliability
- SVGA (800 x 600) Resolution
- Wide Operational Temperature Range, -10°C to +60°C (14°F to +140°F)
- RoHS Compliant
- Engineered and Manufactured by VarTech Systems, an ISO 9001 Registered Company
- **Engineered, Fabricated and Assembled in the USA**
- Two (2) Year Warranty

This product has been tested and examined by an independent agency and found to comply with the applicable requirements of UL60950-1/CSA C22.2 No. 60950-1, UL1604 Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations, CSA C22.2, Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.

SPECIFICATIONS

- **10.4" SVGA (800 x 600) LCD**
 - **Brightness:** 230 nits
 - **CPU:** Intel® Atom™ N270, 1.6 GHz Processor with a 533 Mhz FSB
 - **System Memory:** 2GB DDR2 533 SO-DIMM (2GB optional)
 - **Disk Drive:** 320GB (optional SATA Solid State Hard Drive) 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:** 60°/60°/35°/65° (L/R/U/D)
 - **Graphics:** Intel Generation 3.5 integrated GFX Core (133Mhz)
 - **Operational Temperatures:** -10°C to +60°C (14° - 140°F)
 - **Power Input:** 120-240 VAC 1.5A 50/60 Hz
 - **VESA Mountable** (100mm) 316 Stainless Steel Gasket Sealed Enclosure
 - **EMI/EMC:** Designed to meet FCC Class B
 - **Environmental Design:** Class1/Div2 Certified NEMA 4X (IP66)
 - **Weight:** 15 lbs actual with components
 - **Resistive Touch Screen**
 - **Dimensions:** 12.5" (W) x 14.37" (H) x 4.32" (D) Height is 10.50" when not allowing for connections at bottom
- Approximate Shipping Dimensions and Weight**
20" x 17" x 10" (W x L x H) / 19lbs.

OPTIONAL

- T4500 2.30 GHz 800MHz FSB Intel Dual Core Processor
- Optional 4GB DDR2 PC2-5300 SO-DIMM System Memory (only in conjunction with the Dual Core processor)
- Dual Hard Drives
- Hard Drives Expandable to 1TB
- Solid state SATA hard drive
- Windows Embedded Standard or Windows 7

CONTACT

HEADQUARTERS

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Marks of Conformity:

Product Safety:

UL1604

EN 60950-1:2006, IEC 60950-1:2005)

FCC47 CFR part 15, subpart B

CSA C22.2 No. 213-M1987

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

