



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

The VTPC104VSHB is ideal for high light or harsh weather applications. It is designed as an all-in-one computing platform with an ultra rugged touch screen HMI.

Rugged

The VTPC104VSHB system easily handles harsh computing environments. Its proven tough in real world applications such as industrial production areas, outdoor kiosks and public terminals. The VTPC104VSHB chassis has no external vents, so nothing can get under its skin, including dust, dirt, moisture, oil, chemicals or other harsh contaminants.

FEATURES

- ◆ LED Backlighting, Sunlight Readable 800 nits
- ◆ SVGA (800 x 600) Resolution
- ◆ Intel® Atom™ N270, 1.6 GHz Processor
- ◆ 2GB RAM
- ◆ 8GB Solid State DuraDrive
- ◆ Windows XP Pro OS
- ◆ Armor Touch ultra rugged, resistive touch screen display (HMI)
- ◆ Extremely Wide Temperature Ranges
- ◆ Industrial single-board computer
- ◆ NEMA 4X (IP66) sealed enclosure
- ◆ Water proof and dust proof
- ◆ Stainless steel (316) construction

CONTACT

HEADQUARTERS

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SPECIFICATIONS

- **True High Brightness** (800 nits) Low-Power, high reliability Solid State LED Backlighting
- **SVGA** (800 x 600) Resolution Wide Operational
- **CPU:** Intel® Atom™ N270, 1.6 GHz Processor with a 533 Mhz FSB
- **System Memory:** 2GB DDR2 533 SO-DIMM
- **Disk Drive:** Solid State 8GB (standard) up to 64GB IDE DuraDrive
- **Operating System:** Windows XP Pro (optional Windows XP Embedded or Windows 7)
- **Ultra-Wide Viewing Angles**
- **Wide Operational Temperatures:** -10°C to +60°C
- **I/O Interface Connectors:**
 - 1 Power
 - 1 LAN
 - 1 RS-232
 - 1 USB
 - Another USB or a Serial port
- **Brightness:** 800 nits
- **Contrast Ratio:** 800 to 1
- **VESA Mountable** (100mm) 316 Stainless Steel Gasket Sealed Enclosure
- **VarTech's Armor Touch** - 3mm Thermally Strengthened Laminated Glass Substrate Optically Bonded overlay with Anti-Reflective Field & UV Protection:
 - Integrated with a very durable vacuum deposited antireflective optical coating which is designed to meet industry standards such as SAE AMS-2521 and MIL-C-675
 - High Accuracy
 - 12 bit Resolution
 - Resistance to contamination, unaffected by harsh cleaning fluids and other noxious substances
 - Image Stability, not susceptible to problems caused by high-level short-term variances and axis linearity and drift
- External environments - unaffected by dirt, moisture and rain
- **EMI/EMC:** Designed to meet FCC Class B
- **Environmental Design:** NEMA 4X (IP66)
- **Weight:** 16 lb.
- **Dimensions:**
12.5" (W) x 14.37" (H) x 4.32" (D)
Height is 10.50" when not allowing for connections at bottom

OPTIONAL

- Optional Hood Visor
- Shock: Designed to meet MIL-S-901D
- Vibration: Designed to meet MIL-STD-167
- Designed to meet Marine IEC 60529
- Designed to meet Marine IEC 60945
- EMI/EMC: Designed to meet MIL-STD-461E
- Environment: Designed to meet MIL-STD-810F
- Windows XP Embedded

