



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



The VTPC104ECHB 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 VTPC104ECHB system easily handles harsh computing environments. Its proven tough in real world applications such as industrial production areas, outdoor kiosks and public terminals. The VTPC104ECHB 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
- ◆ XGA (1024 x 768) Resolution
- ◆ Fanless Intel Celeron M 1.0GHz processor
- ◆ 1GB RAM
- ◆ 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

### SPECIFICATIONS

- **True High Brightness** (800 nits) Low-Power, high reliability Solid State LED Backlighting
- **XGA** (1024 x 768) Resolution Wide Operational
- **CPU:** Fanless Intel Celeron M 1.0GHz Single-Board Computer
- **System Memory:** 1GB DDR266 SO-DIMM
- **Disk Drive:** Solid State 8GB (standard) up to 64GB IDE DuraDrive
- **Operating System:** Windows XP Pro
- **Ultra-Wide Viewing Angles**
- **Wide Operational Temperatures:** -20°C to +55°C (optional 60°C)
- **I/O Interface Connectors:**
  - 1 Power
  - 1 LAN
  - 1 RS-232
  - 1 USB
  - Another USB or a Serial port
- **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
- **VESA Mountable** (100mm) 316 Stainless Steel Gasket Sealed Enclosure
- **EMI/EMC:** Designed to meet FCC Class B
- **Environmental Design:** NEMA 4X (IP66)
- **Weight:** 16 lb.

### CONTACT

#### HEADQUARTERS

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### OPTIONAL

- Optional Hood Visor
- Operational Temperature: 60°C
- 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

