



Solutions for Demanding Applications

VTPC104P NEMA 4 Panel Mount Computer



VarTech's multi-functional, user friendly, industrial grade 10.4" Panel PC is integrated with Intel's T4500 2.30 GHz 800MHz FSB Intel Dual Core Processing Technology and extensive features. VarTech's harsh-duty Panel PCs are a space saving solution for many demanding environments. VarTech's panel PCs are available with a rugged gasket sealed aluminum NEMA 4 (IP65) rated black powder coated beveled front bezel. The 10.4" Panel PC is also available with VarTech's best-in-class NEMA 4X (IP66) protection.

SPECIFICATIONS

FEATURES

- 10.4" Bright Active Matrix TFT Display, 400 nits (cd/m²)
- Powered by Intel's Atom N270 1.6GHz Processor
- 2GB DDR2 PC2-5300 SO-DIMM System Memory (expandable)
- 320 GB SATA Fast Access Disk Drive
- NEMA 4 (IP65) - Black Powder Coat Aluminum Front Bezel
- 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
- 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

Display

10.4" SVGA TFT LCD

Resolution

800 x 600

Brightness

400 nits cd/m² (optional optical bonding)

Processor

Powered by Intel's Atom N270 1.6GHz Processor

BIOS

Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup

Ethernet

Realtek RTL8111B chipset

O/S

Windows XP Professional (optional Windows Embedded Standard Windows 7)

System Memory

2GB DDR2 PC2-5300 SO-DIMM

Chip Set

Intel 945GSE+ICH7M

Display Interface

VGA: 2048 x 1536
LVDS LCD: 24/48 bit dual channel

Hard Drive

320GB Fast Access SATA drive

Power Input

90-240V AC

Optional:

9-36VDC

I/O Ports

Dual gigabit network ports
4 USB 2.0 ports
1 VGA output
3 RS232 ports

Power Consumption

37 watts

Temperature

Operational: -10° to 60°C (14 to 140F)
(-20°/-4F to 70C/158F Optional

Operating)

Storage: -40° to 65°C

Humidity

Operational: 10 to 90% RH NC

Storage: 5 to 95% RH NC

Touch Screen

Resistive Standard

Display Construction

NEMA 4 (IP65) - Black Powder Coat Aluminum Front Bezel



Marks of Conformity:

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



CONTACT

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OPTIONS

- T4500 2.30 GHz 800MHz FSB Intel Dual Core Processor
- Optional 4GB DDR2 PC2-5300 SO-DIMM System Memory (Only in conjunction with Dual Core Processor)
- Intel Core i3 or i5 Processors
- Hard Drive expandable to 1TB
- Solid state SATA hard drive
- Single PCIe 16 or Dual PCI (full length)
- Second Hard Drive
- Please inquire about expansion capabilities
- CANbus
- Windows Embedded Standard Windows 7
- VBOND Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- NEMA 4X (IP66) Front Panel
- Touch Screen: Capacitive or Armor Touch
- Wireless Connection
- 1000 nits (cd/m²) Sunlight Readable LCD
- Fanless Design
- XGA (1024 x 768) Resolution
- 12VDC, 24VDC, or 9 to 36VDC
- -20°C (-4°C) to 70C (158F) Operational Temperature