



Solutions for Demanding Applications

VTPC104PSS NEMA 4X (IP66) Panel Mount Computer

VarTech's multi-functional, user friendly, industrial grade 10.4" NEMA 4X (IP66) Panel PC is integrated with Intel's Atom N270 1.6GHz 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 4X (IP66) rated stainless steel front bezel. The 10.4" Panel PC is also available with VarTech's best-in-class NEMA 4 (IP65) protection.

SPECIFICATIONS

FEATURES

- 10.4" Bright Active Matrix TFT Display, 380 nits (cd/m²)
- Powered by Intel Atom N270 1.6GHz Processor
- 2GB 200-pin SO-DIMM DDR 333/400MHz
- 320 GB SATA Fast Access Disk Drive
- NEMA 4X (IP66) Stainless Steel Front Bezel
- Resistive Touch Screen Standard (other technologies available)
- Windows XP Professional Operating System (optional Windows Embedded)
- 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, 0°C to +60°C (32°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

Intel Atom N270 1.6GHz Processor

BIOS

AMI Bios

Ethernet

Realtek RTL8110SC GbE chipset

O/S

Microsoft XP Professional (optional Windows Embedded Standard)

System Memory

2 GB 200-pin SO-DIMM DDR 333/400MHz

Chip Set

SiS® 661CX + SiS® 964

Display Interface

VGA integrated in SiS® 661CX
24-Bit dual channel LVDS
TV-OUT integrated in SiS 302LV support dual display

Hard Drive

160GB Fast Access SATA drive

Power Input

90-240V AC
Optional:
6 to 32V DC without DVD

I/O Ports

4 USB ports
1 VGA
2 Serial Ports:
Com1 is RS-232
Com2 is RS-232/422/485

Power Consumption

37 Watts typical 40 watts max.

Temperature

Operational: 0° to 60°C (optional -20°C)
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 4X (IP66) - 316 Stainless Steel
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 the Dual Core processor)
- Hard Drive expandable
- Solid state SATA hard drive
- Second Hard Drive
- Please inquire about expansion capabilities
- CANbus
- Windows Embedded Standard
- VBOND Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- NEMA 4 (IP65) Front Panel
- Touch Screen: Capacitive or Armor Touch
- Wireless Connection
- 900 nits (cd/m²) Sunlight Readable LCD
- Fanless Design
- 6 to 32V DC Power Supply
- -20°C (-4°C) Operational Temperature

Specifications subject to change without notice. Please inquire before ordering.

www.vartechsystems.com