

VTPC104PF



VARTECH SYSTEMS INC.

Solutions for Demanding Applications

VTPC104PF NEMA 4 (IP65) Fanless Panel Mount Computer

VarTech's multi-functional, user friendly, industrial grade 10.4" Fanless 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 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

- Fanless 10.4" Bright Active Matrix TFT Display, 400 nits (cd/m²)
- Powered by Intel's Atom N270 1.6GHz Processor (Available with Optional: T4500 2.30 GHz 800MHz FSB Intel Dual Core)
- Fanless Design
- 2GB DDR2 PC2-5300 SO-DIMM System Memory (expandable)
- 320 GB SATA Fast Access Disk Drive, **Optional** Hard Drive up to 1TB
- 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 +122°F)
- RoHS Compliant
- Engineered and Manufactured by VarTech Systems, an ISO 9001 Registered Company
- **Engineered, Fabricated and Assembled in the USA**

Display

10.4" SVGA TFT LCD

Resolution

800 x 600

Brightness

400 nits cd/m² (optional optical bonding)

Processor

Intel Atom N270 1.6GHz

BIOS

AMI 8 Bit with RPL/PXE LAN boot ROM

Ethernet

Realtek RTL8110SC GbE chipset

O/S

Windows XP Professional (optional Windows Embedded Standard or 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, Optional up to 1TB

Power Input

90-240V AC

Optional:

9-32VDC

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)

Optional: -20° to 70°C (-4 to 158F) with case fans

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

Approximate Shipping Dimensions and Weight

20 x 17 x 10 (w x l x h) / 13lbs

CONTACT

HEADQUARTERS

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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
- Dual Hard Drives Available
- Single PCIe 16 or Dual PCI (full length)
- CANbus
- Windows Embedded Standard Windows 7 (32 or 64 Bit)
- 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
- 800 nits (cd/m²) Sunlight Readable LCD
- 12VDC, 24VDC, or 9 to 36VDC
- -20°C (-4°C) to 70°C (158F) Operational Temperature

Marks of Conformity:

Product Safety: UL60950-1/CSA C22.2 No. 60590-1 (2006/95/EC, EN 60950-1:2006, IEC 60950-1:2005)
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

