



Solutions for Demanding Applications

10.4" NEMA 4X 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 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, 400 nits (cd/m²)
- Powered by Intel
- Atom N270 1.6GHz Processor 2 GB 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, -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

Intel Atom N270 1.6GHz

Optional: T4500 2.30 GHz 800MHz FSB Intel Dual Core

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 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 serial ports

Power Consumption

37 watts

Temperature

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

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



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OPTIONS

- T4500 2.30 GHz 800MHz FSB Intel Dual Core Processor and Intel Core i3 or i5 Processors also Available
- Optional 4GB DDR2 PC2-5300 SO-DIMM System Memory (only in conjunction with the Dual Core processor)
- 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 or Windows 7 (32 or 64 Bit)
- 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) to 70°C (158F) Operational Temperature

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