



Solutions for Demanding Applications

Sunlight Readable NEMA 4X Industrial Panel PC



VarTech's multi-functional, user friendly, industrial grade 10.4" NEMA 4X (IP66), sunlight readable 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" Very Bright Active Matrix TFT Display, 900 nits (cd/m²)
- Powered by Intel Atom N270 1.6GHz Processor
- VBOND Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- 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" XGA TFT LCD

Resolution

XGA, 1024 x 768

Brightness

900 nits (cd/m²)

Optically Bonded

Yes. Optical bonding increases contrast in high direct light and adds to shock and vibration tolerance

Processor

Intel Atom N270 1.6GHz

Optional: T4500 2.30 GHz 800MHz FSB

Intel Dual Core

BIOS

Phoenix-Award PnP Flash BIOS

Ethernet

Realtek 8111B PCIe 10/100/1000 base-T Ethernet

O/S

Windows XP Professional (optional)

Windows Embedded Standard or

Windows 7)

Hard Drive

320GB hard rive (optional SSD and extended temperature drive available)

System Memory

2 GB 200-pin SDDR II 667MHz SO-DIMM

Chip Set

Intel 945GME + Intel ICH7M

Display Interface

Graphics Chipset: Integrated with

Intel® Graphics Media Accelerator 950

Interface: CRT support up to 2048 x

1536, LVDS support 18/36 bit up to

1600 x 1200

Power Input

90-240V AC

Optional:

9 to 32V DC

I/O Ports

4 USB ports

1 VGA

3 RS232 serial ports

Temperature

Operational: -10° to 50°C

Optional: -20°

Storage: -40° to 65°C

Humidity

Operational: 10 to 90% RH NC

Storage: 5 to 95% RH NC

Touch Screen

Resistive

Display Construction

NEMA 4X (IP66) - 316 Stainless Steel

Front Bezel

Approximate Shipping Dimensions and Weight

20" x 17" x 10" (WxLxH) / 16lbs.



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

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 the Dual Core processor)
- Hard Drive expandable
- Solid state SATA hard drive
- Second Hard Drive
- Please inquire about expansion capabilities
- CANbus
- Windows Embedded Standard or Windows 7
- NEMA 4 (IP65) Front Panel
- Touch Screen: Capacitive or Armor Touch
- Wireless Connection
- Fanless Design
- 6 to 32V DC Power Supply
- -20°C (-4°C) Operational Temperature

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