



Solutions for Demanding Applications

VTPC150PSSF NEMA 4X (IP66) Panel Mount Computer

VarTech's multi-functional, user friendly, industrial grade 15" Fanless 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 15" Panel PC is also available with VarTech's best-in-class NEMA 4 (IP65) protection.

SPECIFICATIONS

Display

15" XGA TFT LCD

Resolution

1024 x 768

Viewing Angle

130° (H) / 100° (V)

Pixel Pitch

0.297mm

Display Colors

16.2M

Brightness

400 cd/m² (Optional VBOND)

Contrast Ratio

600:1

Response Time

12 ms

Processor

Intel® Atom™ N270, 1.6 GHz

Chip Set

Intel® 945GSE+ICH7M

BIOS

AMI 8Mbit with RPL/PXE LAN boot ROM

O/S

Windows XP Professional (optional)
Windows Embedded Standard or
Windows 7)

System Memory

2GB DDR2 400/533 DIMM

VGA

Intel® Gen 3.5 high performance
integrated graphic controller for CRT
and LVDS

Hard Drive

320GB Fast Access SATA Drive
Other Shared disks available including
Solid State SATA drives from 8GB to
64GB AND Dual Hard Drive

Power Input

90-240V AC

Optional:

12/24V DC,
9 to 32V DC

Power Connector

ATX power connector

I/O

Dual Gigabit LAN ports, PS/2 keyboard
& mouse support, vga output, 3 RS-232
serial ports standard, 5 optional with 1
being capable of RS422/485, mic in, line
out, 4 USB, optional PCI riser, optional
compact flash

System Monitoring and Management

Wake on LAN, Wake on mouse,
Keyboard power on, RTC times to power
on, Watchdog timer, AC power failure
recovery

DVD Drive (E-IDE / ATAPI) (Optional)

DVD-R, DVD+R, DVD-RW, DVD+RW,
DVD-R DL, DVD+R9, CD-R, CD-RW

Temperature

Operational: -10° to 50°C (14 to 140F)

Storage: -40° to 65°C

Humidity

Operational: 10 to 90% RH NC

Storage: 5 to 95% RH NC

Touch Screen

Resistive Standard

Touch Screen Interface

Serial Standard / USB Optional

Bezel Construction

NEMA 4X (IP66) 316 - Stainless Steel,
Gasketed

Weight (actual w/ components)

17 lbs.

Approximate Shipping Dimensions and Weight

24" x 21" x 10" (WxLxH) / 22lbs.

FEATURES

- 15" 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, **Optional** Hard Drive Support up to 1TB
- Fanless Design
- NEMA 4X (IP66) Stainless Steel 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
- XGA (1024 x 768) 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

CONTACT

HEADQUARTERS

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OPTIONS

- Hard Drive expandable to 1TB
- Solid state SATA hard drive
- Dual Hard Drive Support
- Single PCIe 16 or Dual PCI (full length)
- CANbus
- Windows Embedded Standard or Windows 7 (32 or 64 Bit)
- 1950 nit (cd/m²) Sunlight Readability
- 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
- 12VDC, 24VDC, or 9 to 36VDC

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

