



## VTPC150PF Fanless NEMA 4 Panel Mount Computer

VarTech Fanless Panel PCs are an ideal HMI solution complete with standard resistive touch and a multitude of I/O ports. These small footprint all-in-one computers are ideal in a variety of harsh environment manufacturing facilities.

### 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/m<sup>2</sup>

(optional optical bonding)

#### 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

Microsoft XP Professional  
(optional Windows XP Embedded SP2  
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.

#### Power Input

90-240V AC

**Optional:**

6 to 32V DC

#### Power Connector

ATX power connector

#### Front Bezel I/O

2 USB 2.0 ports

#### Back Panel 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 (SATA) (Optional)

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

#### Temperature

Operational: 0° 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 Standard

#### Display Construction

NEMA 4 (IP65) - Black Powder Coat  
Aluminum Front Bezel



Front Access USB

### FEATURES

- ◆ Fanless Design
- ◆ Resistive Touch Screen
- ◆ Intel Atom Processor
- ◆ Rugged Aluminum Chassis
- ◆ High-Performance Fast Access Disk Drive
- ◆ USB Frontal Access Door
- ◆ WINDOWS XP OS
- ◆ Solid State SATA and Other Hard Drives Available

### CONTACT

#### HEADQUARTERS

11529 Sun Belt Ct.  
Baton Rouge, Louisiana 70809

**Phone** 800.223.8050

**International**

001.225.298.0300

**Fax** 225.297.2440

#### E-mail

sales@vartechsystems.com

#### Website

www.vartechsystems.com

### OPTIONS

- Solid State SATA and other hard drives
- PCI Expansion 1 to 3 slots
- PCI express x16 expansion slot
- DVD Drive (SATA) - DVD-R, DVD+R, DVD-RW, DVD+RW, DVD-R DL, DVD+R9, CD-R, CD-RW
- Extended operational temp to -20°C
- VBOND Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- 6 to 32V DC
- NEMA 4X (IP66) Front Panel
- Windows XP Embedded SP2 or Windows 7

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