



VTPC170PF 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

17" SXGA TFT LCD

Resolution

1280 x 1024

Viewing Angle

150° (H) / 135° (V)

Pixel Pitch

0.264mm

Display Colors

16.2M

Brightness

300 cd/m²

Contrast Ratio

700:1

Response Time

8 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

Weight

19 lb

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

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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
- 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.