



VTPC170PSSF Fanless NEMA 4X Panel Mount PC

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 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.

Power Input

90-240V AC

Optional:

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 (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

Bezel Construction

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



FEATURES

- ◆ Fanless Design
- ◆ Resistive Touch Screen
- ◆ Intel Atom Processor
- ◆ Rugged Aluminum Chassis
- ◆ High-Performance Fast Access Disk Drive
- ◆ 316-stainless steel front bezel
- ◆ WINDOWS XP OS
- ◆ Solid State SATA and Other Hard Drives Available

CONTACT

HEADQUARTERS

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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



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
- 9 to 32V DC
- NEMA 4 Black Power Coated Front Panel
- Windows Embedded Standard or Windows 7

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