

VTPC190PF

Solutions for Demanding Applications



VARTECH
SYSTEMS INC.

VTPC190PF 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

19" 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)

System Memory

2GB DDR2 400/533 DIMM

VGA

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

Hard Drive

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

Power Input

90-240V AC

Optional:

12/24V DC,
6 to 32V DC without DVD

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 (E-IDE / ATAPI) (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

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
- Expansion capabilities
- DVD Drive (E-IDE / ATAPI) - DVD-R, DVD+R, DVD-RW, DVD+RW, DVD-R DL, DVD+R9, CD-R, CD-RW
- Extended operational temp to -20°C
- 12/24V DC
- 6 to 32V DC without DVD option
- NEMA 4X (IP66) Front Panel
- Windows XP Embedded SP2

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