



Solutions for Demanding Applications

## VTPC170P NEMA 4 (IP65) Panel Mount Computer

VarTech's multi-functional, user friendly, industrial grade 17" Panel PC is integrated with T4500 2.30 GHz 800MHz FSB Intel Dual Core 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 aluminum NEMA 4 (IP65) rated black powder coated beveled front bezel. The 17" Panel PC is also available with VarTech's best-in-class NEMA 4X (IP66) protection.

### SPECIFICATIONS



#### FEATURES

- 17" Bright Active Matrix TFT Display, 300 nits (cd/m<sup>2</sup>)
- Powered by T4500 2.30 GHz 800MHz FSB Intel Dual Core, **Optional** Intel Core i3 or i5 Processors
- 2GB DDR2 PC2-5300 SO-DIMM System Memory (expandable)
- 320 GB SATA Fast Access Disk Drive, Hard Drive Support up to 1TB
- NEMA 4 (IP65) - Black Powder Coat Aluminum 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
- SXGA (1280 x 1024) 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

#### Display

17" SXGA TFT LCD

#### Resolution

1280 x 1024

#### Viewing Angle

150° (H) / 135° (V)

#### Pixel Pitch

0.264mm

#### Display Colors

16.8M

#### Brightness

300 cd/m<sup>2</sup>

#### Contrast Ratio

700:1

#### Response Time

8 ms

#### Processor

T4500 2.30 GHz 800MHz FSB Intel Dual Core, Optional Intel Core i3 or i5 Processors available

#### BIOS

Phoenix-Award 16Mbit (SPI) with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup

#### O/S

Windows XP Professional (optional Windows Embedded or Windows 7)

#### System Memory

2 DDR2 533/667 SDRAM sockets, 2GB standard, 4GB optional (~3.25 recognizable)

#### Chip Set

Intel® GME965+ ICH8M/EM

#### VGA

Intel® GME965 GMCH Gen4 integrated graphics engine

#### Hard Drive

320GB Fast Access SATA drive, Optional Dual Hard Drive Support

#### Power Input

90-240V AC

**Optional:**

9 to 32V DC

#### Back I/O Ports

3 RS-232 COM port  
(Optional RS-422\485 port)

2 LAN ports

4 USB 2.0

2 Audio jacks

#### Firewire Ports

2 x IEEE 1394a

#### Front Bezel I/O Ports

2 USB 2.0

#### DVD Drive (SATA) (Optional)

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

#### Temperature

Operational: -10° to 60°C (14 to 60F)

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

#### Warranty

2 years

#### Approximate Shipping Dimensions and Weight

24" x 21" x 10" (WxLxH) / 25lbs.

w/ dual PCI 26" x 24" x 16" / 29lbs

### 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

- Hard Drive expandable to 1TB
- Optional 4 GB DDR2 PC2-5300 SO-DIMM System Memory
- Solid state SATA hard drive
- Dual Hard Drive Support
- Single PCIe 16 or Dual PCI (full length)
- CANbus
- Windows Embedded or Windows 7 (32 or 64 Bit)
- VBOND Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- NEMA 4X (IP66) Front Panel
- Touch Screen: Capacitive or Armor Touch
- Wireless Connection
- 1000 nits (cd/m<sup>2</sup>) Sunlight Readable LCD
- 12VDC, 24VDC, or 9 to 36VDC
- Fanless Design

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

#### 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

