



Solutions for Demanding Applications

## VTPC150P NEMA 4 (IP65) Panel Mount Computer

VarTech's multi-functional, user friendly, industrial grade 15" 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 15" Panel PC is also available with VarTech's best-in-class NEMA 4X (IP66) protection.

### FEATURES

- 15" Bright Active Matrix TFT Display, 400 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, **Optional** Hard Drive 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
- XGA (1024 x 768) 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

### CONTACT

#### HEADQUARTERS

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### 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 nits (cd/m<sup>2</sup>)  
(optional optical bonding)

#### Contrast Ratio

600:1

#### Response Time

12 ms

#### Processor

T4500 2.30 GHz 800MHz FSB Intel Dual Core, **Optional** Intel Core i3 or i5 processors.

#### BIOS

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

#### O/S

Windows XP Professional (optional Windows Embedded Standard 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 Hard Drive up to 1TB

#### Power Input

90-240V AC

#### **Optional:**

9 to 32V DC - 9-32VDC

#### Back I/O Ports

2 RS-232 COM port  
(Optional RS-422/485 port)  
2 LAN ports  
2 x IEEE 1394a Firewire  
4 USB 2.0  
2 Audio jacks

#### 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 140F)  
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

#### Weight

19lbs.

#### Approximate Shipping Dimensions and Weight

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

#### 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

- Hard Drive expandable up 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 Standard 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.