



Solutions for Demanding Applications

VTPC190PSS NEMA 4X (IP66) Panel Mount Computer

VarTech's multi-functional, user friendly, industrial grade 19" NEMA 4X (IP66) Panel PC is integrated with Intel's 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 NEMA 4X (IP66) rated stainless steel front bezel. The 19" Panel PC is also available with VarTech's best-in-class NEMA 4 (IP65) protection.



SPECIFICATIONS

FEATURES

- 19" Bright Active Matrix TFT Display, 300 nits (cd/m²)
- Powered by T4500 2.30 GHz 800MHz FSB Intel Dual Core Processor, Intel Core i3 or i5 Processors Available
- 2 GB DDR2 533/667 SDRAM (4GB Optional)
- 320 GB SATA Fast Access Disk Drive, Optional Hard Drive Expandable to 1TB
- NEMA 4X (IP66) Stainless Steel Front Bezel
- Resistive Touch Screen Standard (other technologies available)
- Windows XP Professional (optional Windows Embedded Standard 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

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

T4500 2.30 GHz 800MHz FSB Intel Dual Core, 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 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

320 GB Fast Access SATA drive, Optional Hard Drive Expandable to 1TB

Power Input

90-240V AC

Optional:

12/24V DC,

9 to 32V DC

Back I/O Ports

2 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

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: -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

Bezel Construction

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

Approximate Shipping Dimensions and Weight

24" x 26" x 10" (WxLxH) / 32lbs.

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






CONTACT

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OPTIONS

- Optional 4GB DDR2 PC2-5300 SO-DIMM System Memory
- Intel Core i3 or i5 Processor
- Hard Drive expandable to 1TB
- 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 4 (IP65) Front Panel
- Touch Screen: Capacitive or Armor Touch
- Wireless Connection
- Fanless Design
- 9 to 32V DC Power Supply

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