



Solutions for Demanding Applications

Sunlight Readable NEMA 4X (IP66) Panel Mount Computer



VarTech's multi-functional, user friendly, industrial grade 15" Sunlight Readable Panel PC is integrated with Intel's T4500 2.30 GHz 800MHz FSB Intel Dual Core Processing Technology and extensive features, including VarTech's proprietary high-luminance LED backlighting, optical stack enhancements and optical bonding. 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, stainless steel NEMA 4X (IP66) front bezel. The 15" Panel PC is also available with VarTech's best-in-class NEMA 4 (IP65) protection.

SPECIFICATIONS

FEATURES

- 15" Bright Active Matrix TFT Display, 1950 nits (cd/m²)
- High-Luminance Solid-State LED-enhanced Backlighting
- Optical Bonding of Protective Window (or Touch Screen) Directly to the Front Surface of the LCD Face (VBOND)
- Integration of light management films
- Powered by Intel's T4500 2.30 GHz 800MHz FSB Intel Dual Core Processor, **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 Drives Expandable to 1TB
- NEMA 4X (IP66) Stainless Steel 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

Display

15" XGA TFT LCD

Resolution

1024 x 768

Viewing Angle

130° (H) / 100° (V)

Pixel Pitch

0.297mm

Display Colors

16.2M

Brightness

1950 nits LED Enhanced LCD with VBOND

Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity

Contrast Ratio

600:1

Response Time

12 ms

Processor

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

BIOS

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

Hard Drive

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

Ethernet

Realtek 8111B PCIe 10/100/1000 base-T Ethernet

System Memory

2 GB DDR2 533/667 SDRAM (4GB **Optional**)

VGA

Intel @GME965 GMCH Gen4 integrated graphics engine

O/S

Microsoft XP Professional (optional Windows Embedded Standard)

Chip Set

Intel@ GME965+ICH8M/EM

Power Input

90-240V AC

Optional:

12/24V DC,

9 to 32V DC

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° (14 to 140F)

Storage: -40° to 65°C (-40 to 149F)

Humidity

Operational: 10 to 90% RH NC

Storage: 5 to 95% RH NC

Touch Screen

Resistive

Bezel Construction

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

Weight

17.12 lb

Approximate Shipping Dimensions and Weight

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

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 or Windows 7 (32 or 64 Bit)
- NEMA 4 (IP65) Front Panel
- Alternate Touch Screen Technologies: Capacitive or Armor Touch
- Wireless Connection
- 12VDC, 24VDC, or 9 to 36VDC
- Fanless Design



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