



TPC 121

TOUCH PANEL COMPUTER

Features

- 3rd Generation Intel® Core™ processors
- 2nd Generation Intel® Core™ processors
- Intel® H61 Express chipset
- 12.1" 1024x768 TFT LCD Panel with Touch Screen
- IP65 front panel protection
- 1 2.5" SATA drive bay
- 2 USB 2.0 at the front panel for easy access
- 5 function keys at the front panel
- Built-in antenna for optional Wi-Fi
- VESA/Wall/Panel Mount
- Optional Optical Drive
- Customisable Bezel
- Customisable Touch Screen

System Specifications

PROCESSOR SYSTEM

- Processors:
 - 3rd generation Intel® Core™ processors
 - 2nd generation Intel® Core™ processors
 - Supports up to 77W TDP
- Intel H61 Express chipset

MEMORY

- Two DDR3 1333/1600MHz SODIMM sockets (3rd generation processors)
- Two DDR3 1066/1333MHz SODIMM sockets (2nd generation processors)
- Supports up to 16GB system memory

LCD and TOUCH SCREEN

- 12.1" 1024x768 TFT LCD panel with touch screen
- Supports 5-wire Resistive Touch or 3M Surface Capacitive Touch
- 30,000 MTBF LED backlight
- Brightness (cd/m²): 500

GRAPHICS

- Intel® HD Graphics
- Display ports: HDMI and DVI-I
- HDMI and DVI-I display resolution up to 1920x1200

STORAGE

- 1 2.5" SATA drive bay
- 1 optical drive bay (optional)

ETHERNET

- 1 Intel W82579LM Gigabit Ethernet Controllers
- 1 Intel W82574L Gigabit Ethernet Controllers

AUDIO

- Realtek ALC886 5.1-channel High Definition Audio
- Two 3W speakers

COM

- 1 RS232/422/485 COM port
- 1 RS232 COM port

USB

- 2 Type A USB 2.0/1.1 ports at the front panel
- 4 Type A USB 2.0/1.1 ports at the bottom

I/O

- Front
 - 2 Type A USB 2.0/1.1 ports
 - 5 function keys
 - 3 LED indicators: Power, HDD, Alarm
 - 1 built-in antenna
- Bottom
 - 1 DB-9 RS232/422/485 COM
 - 1 DB-9 RS232 COM
 - 1 PS/2 keyboard
 - 1 PS/2 mouse
 - 4 Type A USB 2.0/1.1
 - 3 audio jacks: Mic-in, Line-in, Line-out
 - 2 RJ45 LAN with LEDs
 - 1 DVI-I
 - 1 HDMI
 - 1 power switch
 - 1 +19V DC-in jack or 16-30V 3-pole terminal block

EXPANSION

- 1 PCIe x1 slot
- 1 PCI slot
- 2 Mini PCIe slots

3rd/2nd Generation Intel® Core™ processors

POWER

- Power input voltage
 - 1 +19V DC-in jack or 16-30V 3-pole terminal block

COOLING SYSTEM

- Smart fan system control suitable for quiet environments

ENVIRONMENT

- Temperature
 - Operating: -10°C ~ 50°C
 - Storage: -20°C ~ 60°C
- Relative Humidity
 - 90% RH at 50°C, 1 week
- Corrosion
 - 4 periods of 7 days at 50°C with 90-95% relative humidity after 2 hours salt spray or waiver

VIBRATION

- Operating: 1G, 5~500Hz
- Non-operating: 1.5G, 5~25Hz
- IEC 68-2-64 compliant

SHOCK

- Operating: 3G peak acceleration (11 msec. duration)
- Non-operating: 10G peak acceleration (11 msec. duration)
- IEC 68-2-27 compliant

FRONT PANEL PROTECTION

- IP65 (Dust Tight; Water Proof protection)

CONSTRUCTION

- Aluminum front bezel (Stainless steel: option)
- Rear panel: sheet metal

MOUNTING

- VESA mount: 75x75 and 100x100
- Wall mount bracket (option)
- Panel mount: mounting clamp (option)

DIMENSIONS

- 345mm x 265mm x 103mm (W x H x D)

WEIGHT

- 6.5 kg

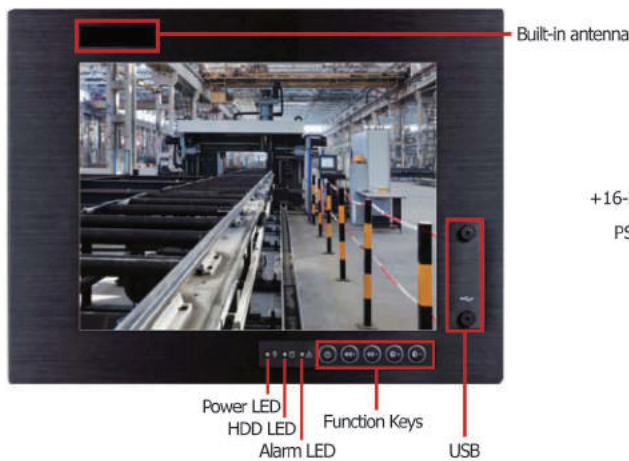
OS SUPPORT

- Windows XP Pro (WES2009)
- Windows Vista
- Windows 7 (WS7P)
- Windows 8 and Windows 8 Embedded
- Linux Ubuntu 13

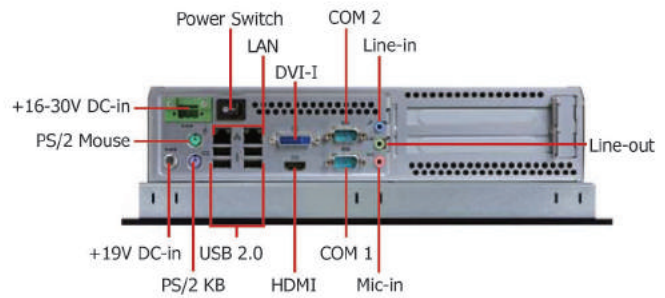
CERTIFICATION

- CE
- FCC Class A
- RoHS

Panel

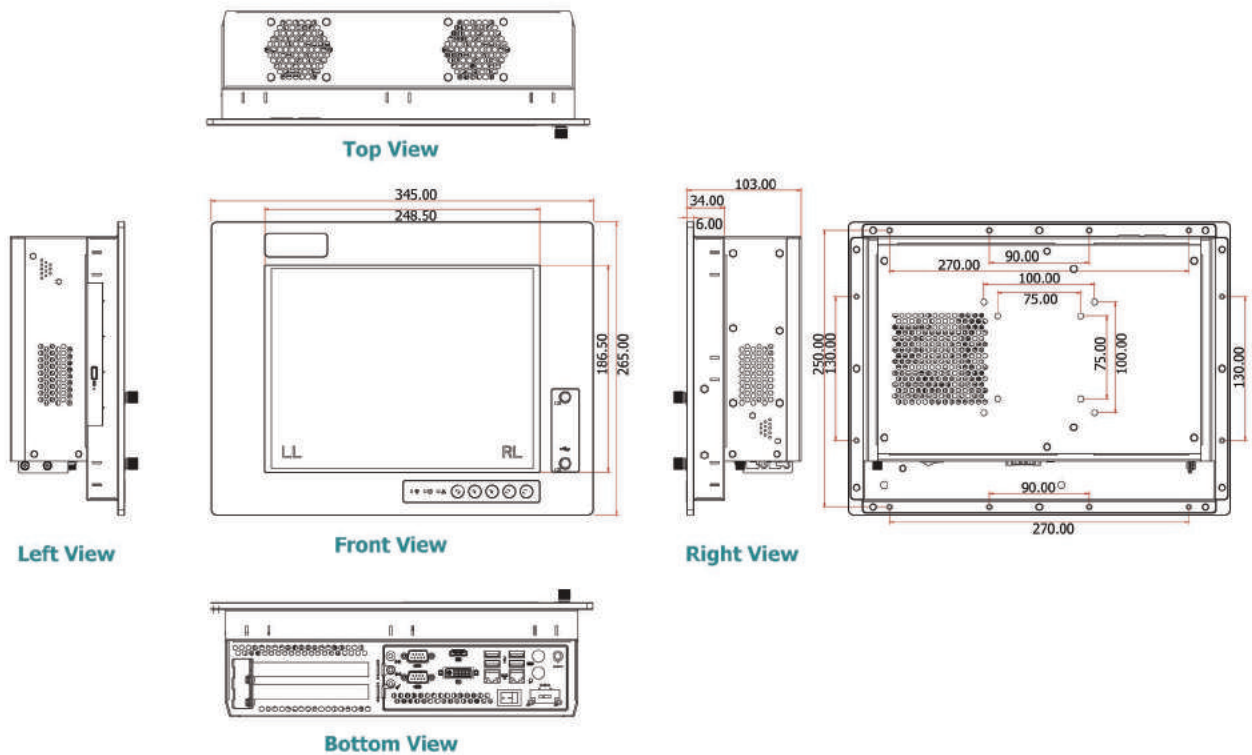


Front View



Bottom View

Dimensions



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