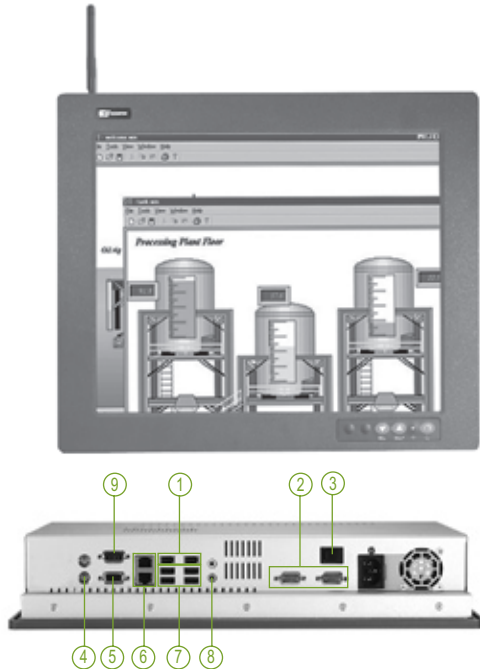


# PANEL1175-831

17" TFT Slim Intel® Core™2 Duo Industrial Panel Computer



- 1. IEEE 1394a
- 2. COM 1/2 (RS-232)
- 3. Power switch
- 4. PS/2 K/B+M/S
- 5. VGA
- 6. Ethernet x 2
- 7. USB 2.0 x 4
- 8. Audio (Mic-in/Line-out)
- 9. COM 1 (RS-232/422/485)

## Features



- ▶ 17" SXGA TFT LCD display
- ▶ Superior Intel® Core™2 Duo processor
- ▶ Intel® 945GME+ICH7M chipset
- ▶ Ultra slim design: thickness 84mm
- ▶ Built-in two speakers
- ▶ Supports WLAN antenna (optional)
- ▶ Supports Windows® Vista Home
- ▶ Panel/Rack/VESA mounting ways



Side view

## Introduction

The PANEL1175-831 is a multi-media panel PC designed for kiosk application. It is equipped with 17" TFT LCD display and advanced Intel® Core™2 Duo processor. To answer the demand of multimedia application, the PANEL1175-831 supports Windows® Vista operating system and adopts built-in speakers, two Gigabit LAN, IEEE 1394a and WLAN module for wireless connectivity. In addition, this panel computer has a slim and fashionable mechanism design with thickness of 84mm only to be fit in with limited space. Thus, the PANEL1175-831 is best suitable for kiosk, public information system and more.

### Powerful computing: Intel® Core™2 Duo processor

The PANEL1175-831 features Intel® Core™2 Duo processor and Intel® 945GME chipset which deliver high computing capability. The Mobile CPU offers reliable and stable performance for rugged environment.

### Ultra slim design: 84 mm

The PANEL1175-831 has an ultra slim thickness of 84 mm only with streamlined mechanical layout. It not only decreases maintenance time but also saves the space considerably. The PANEL1175-831 is ideal for space-limited environment.

### Speaker & WLAN antenna supported

The PANEL1175-831 features built-in speakers for KIOSK application to display multimedia program. It also supports WLAN module (optional) & antenna for wireless network connectivity.

## Specifications

Front Bezel	Aluminum with IP65/NEMA 4 rugged protection and brightness control buttons	
LCD Panel	Display Type	17" SXGA TFT
	Brightness (cd/m <sup>2</sup> )	260 nits
	Resolution	1280 x 1024 pixels
	Viewing Angel(H/V)	120°/140°
Main System	Mainboard	SBC86831
	CPU	Socket M for Intel® Core™2 Duo/Core™ Duo/Core™ Solo processor with FSB 533/667 MHz

Chipset	Intel® 945GME+ICH7M/-DH
System Memory	2 x 240-pin DDR2 DIMM max. up to 4GB
Storage	1 x 3.5" HDD or 2 x 2.5" IDE/SATA HDD
Watchdog Timer	255 levels, 1~255 sec.
Onboard Graphics	Intel® 945GME integrated

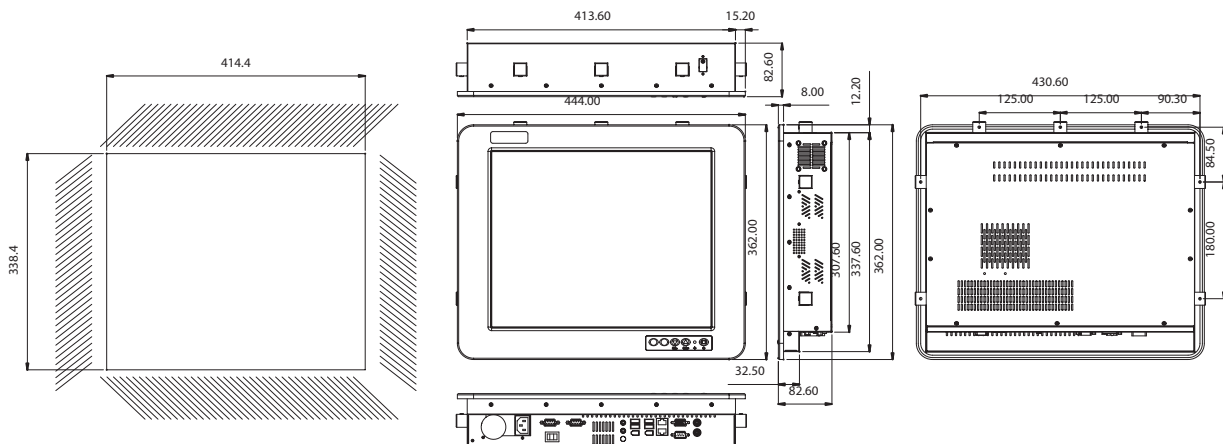
<b>I/O Connector</b>	1 x RS-232/RS-422/RS-485 (COM 1) 2 x RS-232 (COM 2/3) 2 x IEEE 1394a 4 x USB 2.0 2 x PS/2 keyboard/mouse 2 x 10/100Mbps Ethernet 1 x VGA 1 x Audio (Mic-in/Line-out)
<b>Touchscreen</b>	Resistive type Light Transmission 79 % Controller RS-232 interface Point Activation: 1 million activations (typical) at a single point
<b>Power Supply</b>	100 ~ 240V <sub>AC</sub> , 180W
<b>Dimensions</b>	420mm (16.54") (W) x 84mm (3.31") (D) x 354.8mm (13.97") (H)
<b>Weight (net/gross)</b>	9.5 kg (20.9 lb)/15.8 kg (34.8 lb)
<b>Environmental</b>	Operation temperature: 0°C-45°C (32°F-113°F) Relative humidity: 10 to 95%@ 40°C, non-condensing Operation vibration: 1.0G, 5~500Hz, random
<b>Certification</b>	CE

## Ordering Information

PANEL1175-831	17" TFT Intel® Core™M2 Duo panel PC with resistive touch screen
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\*Specifications and certifications are limited to optional.

## Dimensions



## Optional Accessories

82011750110E	Rack mount bracket kit
82011750070E	VESA & wall mount bracket kit
82011750080E	2 x 2.5" HDD bracket kit
82011750090E	WLAN kit
82011750100E	Desktop stand kit
E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wall-mount)

## Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

## Optional OS Installation

Windows® 2000/XP
Windows® Vista Home



VESA mounting



Wall mounting

Integrated Solutions for Automation Industry

SCADA Software

Total Solution for Vertical Markets - VTA Series

GOT Fanless Touch Panel Computers

PANEL 1000 Industrial Panel Computers

PANEL 6000 Industrial Flat Panel Monitors

Embedded Field Controllers

Industrial Networking

Data Acquisition & Control Cards