

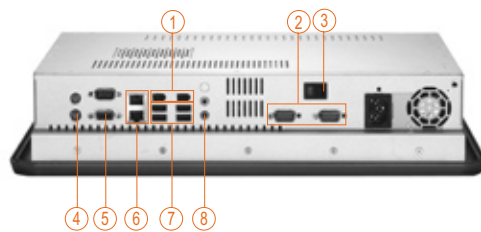
PANEL1158-831

15" TFT Slim Intel® Core™2 Duo Industrial Panel PC



Features

- ▶ 15" XGA TFT LCD display
- ▶ Superior Intel® Core™2 Duo processor supported
- ▶ Industrial-grade plastic front bezel: anti-corrosion
- ▶ Slim design: 80 mm
- ▶ Built-in speakers & optional WLAN module
- ▶ Windows® Vista supported
- ▶ Panel/Rack/VESA/Wall/Desktop mounting ways



- | | |
|---------------------|----------------|
| 1. 1394a | 5. VGA |
| 2. COM port | 6. LAN |
| 3. Power switch | 7. USB 2.0 x 4 |
| 4. PS/2 x 2 (KB/MS) | 8. Audio |



Side view

Introduction

The PANEL1158-831 is a 15" multi-media panel PC for Kiosk application. It has a fashionable mechanism design and industrial-grade plastic front bezel which can avoid damage from chemical corrosion. To meet the demand of multimedia application, the PANEL1158-831 supports Intel® Core™2 Duo processor and operating system of Windows® Vista, and is equipped with built-in speakers, two Giga LAN, 1394a and WLAN module for wireless network connection. This slim industrial panel PC is most suitable for Kiosk, factory automation and more.

Powerful computing: Intel® Core™2 Duo processor

The PANEL1158-831 features Intel® Core™2 Duo and Intel® 945GME chipset which deliver high computing capability. The Mobile CPU offers reliable and stable performance for rugged environment.

Industrial-grade plastic front bezel

The PANEL1158-831 adopts industrial-grade plastic front bezel which incorporates the advantages of light weight, high degree of hardness, better heat releasing, easy-to-shape and anti-corrosion ability. Therefore, the PANEL1158-831 is especially suitable for most rugged industrial environments.

Speaker & WLAN antenna supported

PANEL1158-831 features built-in speakers for KIOSK application to display multimedia program. It also supports WLAN module & antenna for wireless network connectivity.

Specifications

Front Bezel	Industrial-grade plastic w/ IP65/NEMA 4 rugged protection	
LCD Panel	15" XGA TFT	
	Brightness	260 nits
	Resolution	1024 x 768 pixels
	View Angle	Vertical: 120°; Horizontal: 140°
Main system	Main board	SBC86831
	CPU	Socket M for Intel® Core™2 Duo/ Core™ Duo/ Core™ Solo processor with FSB 533/667 MHz
	Chipset	Intel® 945GME+ICH7M
	System Memory	2 x 240-pin DDR2 DIMM max. up to 3G

BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	2 x USB DiskOnModule supported
Watchdog Timer	Reset supported 255 level
Serial	Port 3 x COM with +5V/+12V powered
Ethernet	Dual Gigabit Ethernet
Storage	Enhanced IDE/SATA interface 1 x 3.5" or 1 x 2.5" HDD

IO connector	D-sub 9 pin x 2 (male) for RS-232 D-sub 9 pin x 1 (male) for RS-232/422/485 IEEE 1394a x 2 USB 2.0 connector x 4 PS/2 x 2 for KB/MS RJ-45 x 2 for Ethernet D-sub 15 pin x1 (female) for VGA output Line-out/Mic-in
Touch screen	Resistive type Light Transmission 79% 1 million activations (typical) at a single point
Power supply	AC-in 90~246VAC, 180W
Dimension	420mm (16.54") (W) x 86.4mm (3.40") (D) x 335mm (13.2") (H)
Weight	8.8Kg (19.4 lb)
Certification	CE
Environmental	Operation temperature: 0°~45°C (32°~113°F) Relative humidity: 10-95%@40°C, non-condensing Operation vibration: 1.0G,5~500Hz, random

Optional Accessories

E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wall-mount)
82011580080E	2 x 2.5 HDD kit
82011580090E	VESA/Wall mount kit
82011750090E	Wireless LAN kit

Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

Optional OS Installation

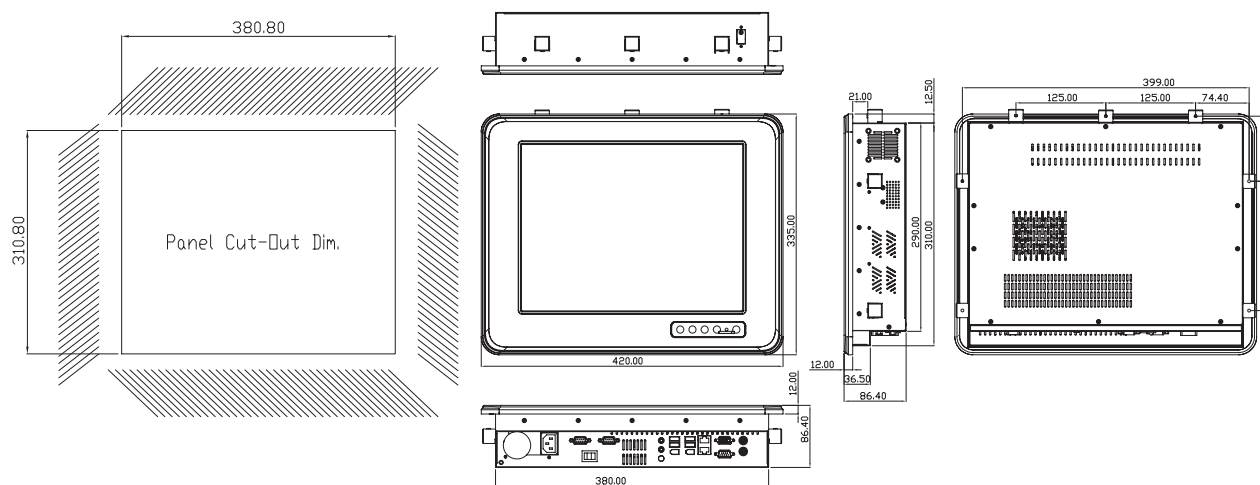
Windows® 2000/XP/Vista

Ordering Information

PANEL1158-831-R 15" TFT slim Intel® Core™2 Duo industrial panel PC

*Specifications and certifications are limited to optional.

Dimensions



Medical Panel Computers

PANEL2000 Slim Client Panel Computers

VTA Series

GOT Fanless Touch Panel Computers

PANEL 1000/5000 Industrial Panel Computers

Industrial Workstations

PANEL6000 Industrial Flat Panel Monitors