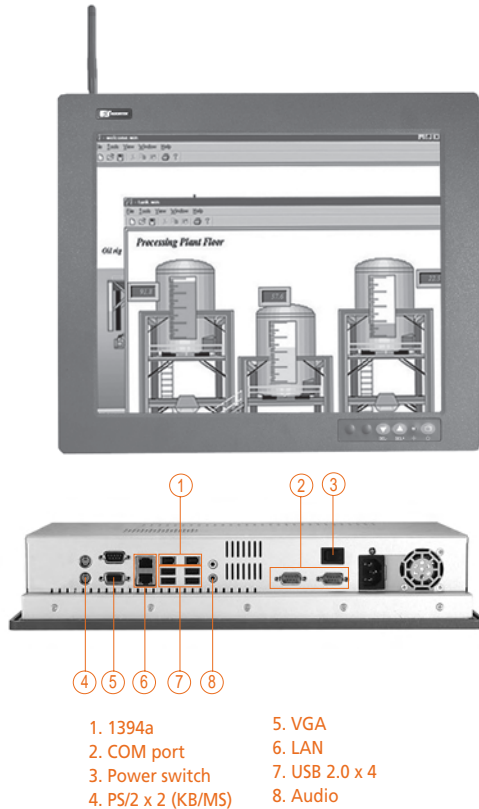


PANEL1175-831

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



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

Features

- ▶ 17" SXGA TFT LCD display
- ▶ Superior Intel® Core™2 Duo processor supported
- ▶ Intel® 945GME+ICH7M chipset supported
- ▶ Ultra slim design: 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 Giga LAN, 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 & antenna for wireless network connectivity.

Specifications

Front Bezel	Aluminum with IP65/NEMA 4 rugged protection and brightness control buttons	
LCD Panel	17" SXGA TFT	
	Brightness	260 nits
	Resolution	1280 x 1024 pixels
	Viewing Angel	Vertical: 120°; Horizontal: 140°
Main System	Mainboard	SBC86831
	CPU	Socket M for Intel® Core™2 Duo/Core™2 Duo/Core™2 Solo processor with FSB 533/667 MHz
	Core Logic	Intel® 945GME+ICH7M
	Memory	2 x 240-pin DDR2 DIMM max. up to 3GB

Onboard Graphics	Intel® 945GME integrated
Serial Ports	RS-232 x 2 & RS-232 / 422 / 485 x 1; +5V power output capability by pin 1 and +12V by pin 8 w/ selectable via jumper setting
PS/2 Interface	PS/2 keyboard / mouse x 2
Ethernet	10/100 base-T Ethernet x 2
Audio	Line-out, MIC-in
Hard Disk Drive	Enhanced IDE / S-ATA interface 1 x 3.5" HDD or 2 x 2.5" HDD
Watchdog Timer	Reset supported; 255 levels

I/O	D-Sub 9 pin x 1 (male) for RS-232 / RS-422 / RS-485 D-Sub 9 pin x 2 (male) for RS-232 IEEE 1394a x 2 USB 2.0 connector x 4 PS/2 x 2 for keyboard and mouse RJ-45 x 2 for Ethernet D-sub 15 pin x 1 (female) for VGA output Line-out, Mic in
Power Supply	AC-in 90~246VAC, 180W
Touchscreen	Type: Resistive Light Transmission 79 % Controller RS-232 interface Point Activation: 1 million activations (typical) at a single point
Dimensions	420mm (16.54") (W) x 84mm (3.31") (D) x 354.8mm (13.97") (H)
Weight	9.5 KG (20.9 lb)
Environmental	Operation temperature: 0°-45°C (32° -113°F) Relative humidity: 10 to 95%@ 40°C, non-condensing Operation vibration: 1.0G, 5~500Hz, random

Optional Accessories

82011750060E	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

Ordering Information

PANEL1175-831	17" TFT Intel® Core™2 Duo panel PC with resistive touch screen
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*Specifications and certifications are limited to optional.



VESA mounting

Wall mounting

Dimensions

