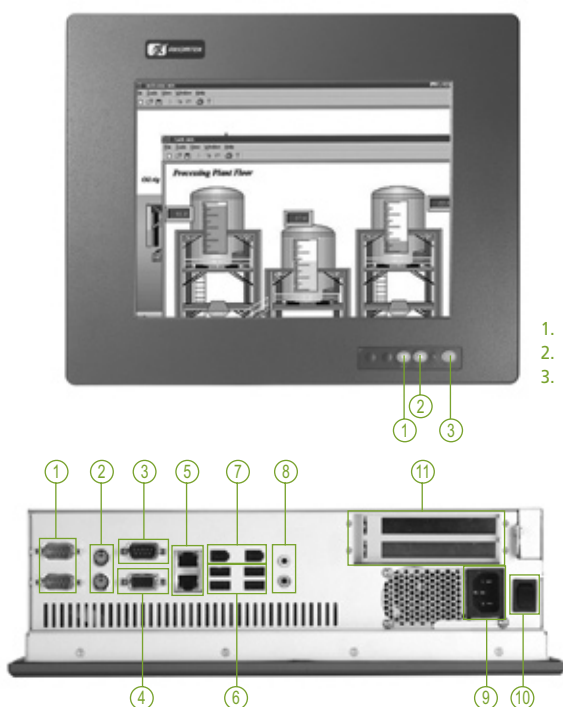


# PANEL1121-841

12.1" TFT Expandable Intel® Core™2 Duo Industrial Panel Computer with 2 PCI Slots



- 1. SEL-
- 2. SEL+
- 3. Backlight on/off

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

## Features



- ▶ 12.1" SVGA TFT LCD display
- ▶ Intel® Core™2 Duo processor
- ▶ Intel® Q965+ICH8 chipset
- ▶ Expandable design: 2 PCI slots supported
- ▶ Windows® Vista supported
- ▶ Panel/VESA/Wall mounting ways

## Introduction

The PANEL1121-841 is a 12.1" industrial panel PC. It is equipped with 12.1" TFT LCD display and Intel® Core™2 Duo processor. The PANEL1121-841 can not only support Windows® Vista but adopts a PCI card for expansion capability, which is ideally suited for industrial machinery, measurement control and monitoring systems.

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

The PANEL1121-841 features Intel® Core™2 Duo processor and Intel® Q965 chipset which deliver high computing performance. The desktop CPU also offers reliability and stability for rugged environment.

### Easy to expand

The PANEL1121-841 provides 2 PCI slots for easy-to-maintain purpose. Users can easily plug in standard half size PCI cards such as communication, motion and serial cards for various applications.

### WLAN antenna supported (optional)

The PANEL1121-841 supports WLAN module (optional) 8 antenna for wireless network connectivity.

## Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	12.1" SVGA TFT LCD
	Brightness (cd/m <sup>2</sup> )	370 nits
	Resolution	800 x 600 pixels
	Viewing Angle (H/V)	120°/140°
Main system	Main board	SBC86841
	CPU	LGA775 for Intel® Core™2 Duo / Core™
		Solo processor with FSB 533/800/ 1066 MHz

Chipset	Intel® Q965+ICH8
System Memory	2 x 240-pin DDR2 DIMM max. up to 4GB
BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS Backup
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" SATA HDD

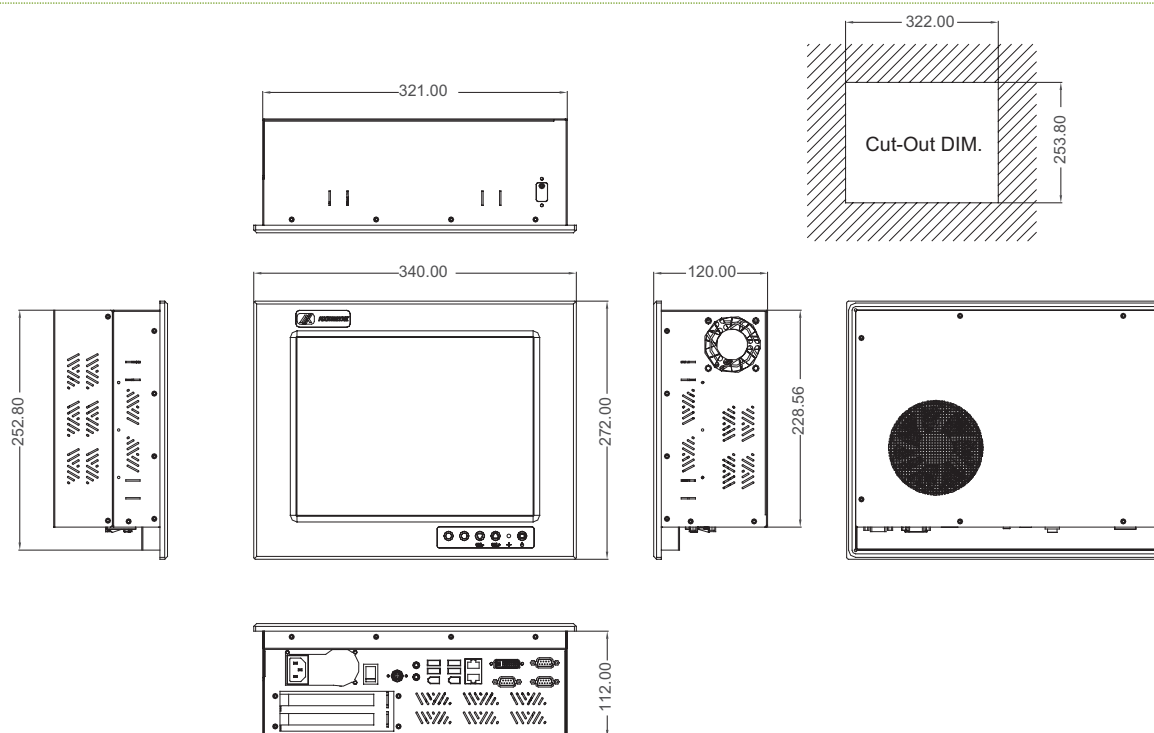
I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x IEEE 1394a 4 x USB 2.0 2 x PS/2 keyboard/mouse 2 x 10/100/1000Mbps Ethernet 1 x Audio (Line-out/Mic-in) 1 x DVI-I(female) for display (attached with a converter for DVI-I to VGA)
Expansion Interface	2 x PCI slot
Touch screen	Resistive type Light Transmission 79% 1 million activations (typical) at a single point
Power supply	AC-in 90~246VAC, 250W
Dimensions	340mm (13.39") (W) x 120mm (7.31") (D) x 272mm (10.7") (H)
Weight	10Kg (22 lb)
Environmental	Operation temperature: 0°C~40°C (32°~104°F) Relative humidity: 10-95%@40°C, non-condensing Operation vibration: 1.0G, 5~500Hz, random
Certification	CE

## Ordering Information

PANEL1121-841 12.1" TFT Intel® Core™2 Duo panel PC with 2 PCI slots

\*Specifications and certifications are limited to optional.

## Dimensions



## Optional Accessories

E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wallmount)
82211780050E	Wireless LAN kit

## Optional OS Installation

Windows® XP/Vista

Integrated  
Solutions for  
Automation  
Industry

SCADA  
Software

Total Solution  
for Vertical  
Markets  
- VTA Series

GOT Fanless  
Touch Panel  
Computers

PANEL1000  
Industrial Panel  
Computers

PANEL6000  
Industrial Flat  
Panel Monitors

Embedded  
Field Controllers

Industrial  
Networking

Data Acquisition  
& Control Cards