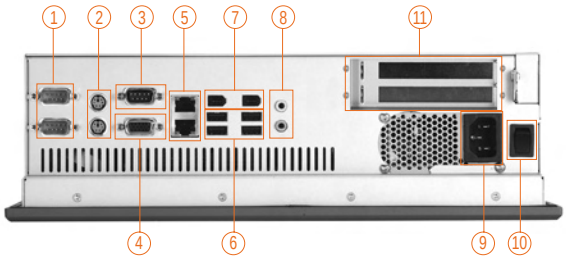
PANEL1121-841

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

New

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



1. COM 1
2. PS/2 x 2 (K/B+M/S)
3. COM 1 (RS-232/RS-422/RS-485)
4. VGA
5. Giga LAN x 2
6. USB V2.0 x 4
7. IEEE 1394a x 2
8. Mic-in, Line-Out
9. AC power
10. Power Switch
11. PCI slot x 2

Features

- 12.1" SVGA TFT LCD display
- Supports superior Intel® Core™2 Duo Processor
- Supports Intel® Q965+ICH8 chipset
- Expandable design: 2 PCI slot 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
The PANEL1121-841 supports WLAN module 8 antenna for wireless network connectivity.

Specifications

Front Bezel	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	12.1" SVGA TFT LCD	
	Brightness	370 nits
	Resolution	800 x 600 pixels
	View Angle	Vertical: 120; Horizontal: 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 3G
	BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and Customer CMOS Backup
	Watchdog Timer	Reset supported 255 level
	Serial Port	3 x COM with +5V/+12V powered
	Ethernet	Dual Gigabit Ethernet
	Storage	SATA interface 1 x 2.5" HDD

* All specifications and photos are subject to change without notice.

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 DVI-I(female) for display (attached with a converter for DVI-I to VGA) Line-out/Mic-in
Expansion	2 PCI slots
Touch screen	Resistive type Light Transmission 79% 1 million activations (typical) at a single point
Power supply	AC-in 90~246VAC, 250W
Dimension	340mm (13.39") (W) x 120mm (7.31") (D) x 272mm (10.7") (H)
Weight	10Kg (22 lb)
Certification	CE
Environmental	Operation temperature: 0˚~40˚C (32˚~104˚F) Relative humidity: 10-95%@40˚C, non-condensing Operation vibration: 1.0G,5~500Hz, random

Optional Accessories

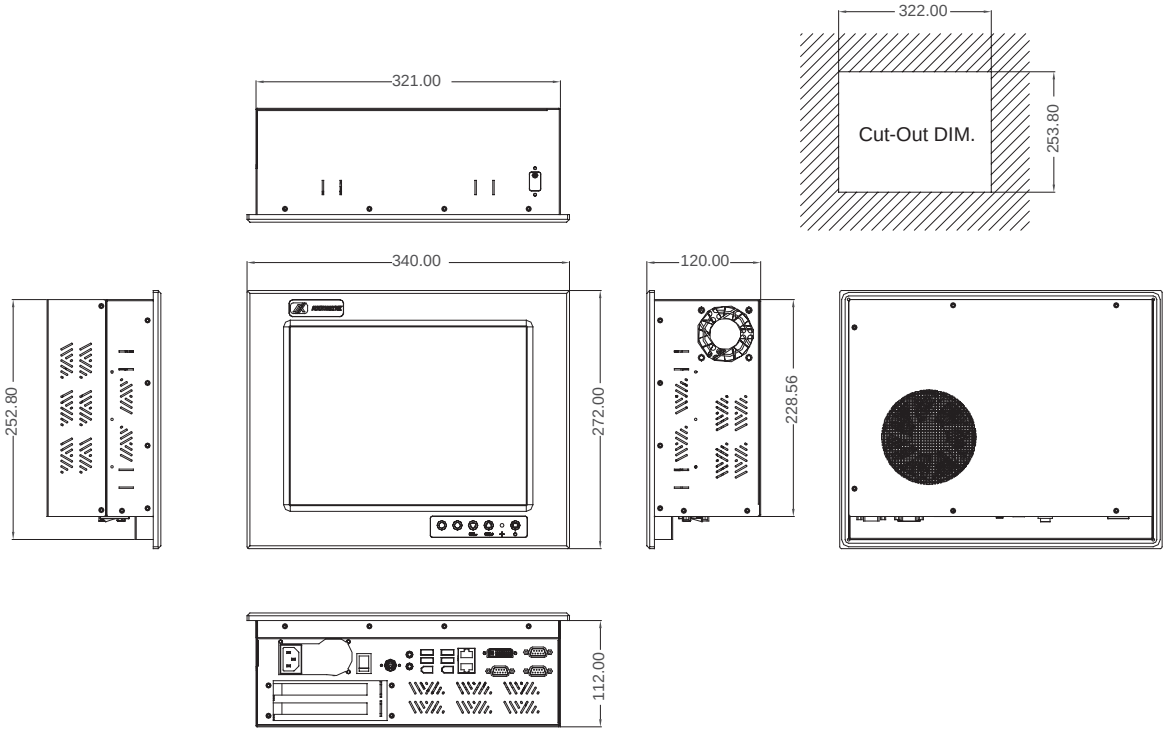
E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wallmount)
82011750090E	Wireless LAN kit

Optional OS Installation

Windows® XP/Vista

Ordering Information

PANEL1121-841	12.1" TFT Intel® Core™2 Duo panel PC with resistive touch screen

*Specifications and certifications are limited to optional.

Dimensions