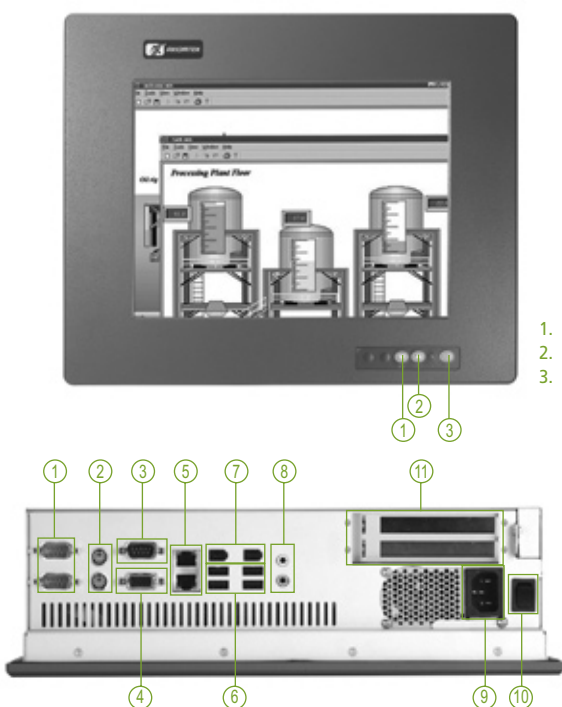


PANEL1121-841

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



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 supports Windows® Vista and 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 ²) | 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 |
| Storage | 1 x 2.5" SATA HDD |
| Watchdog Timer | 255 levels, 1~255 sec. |

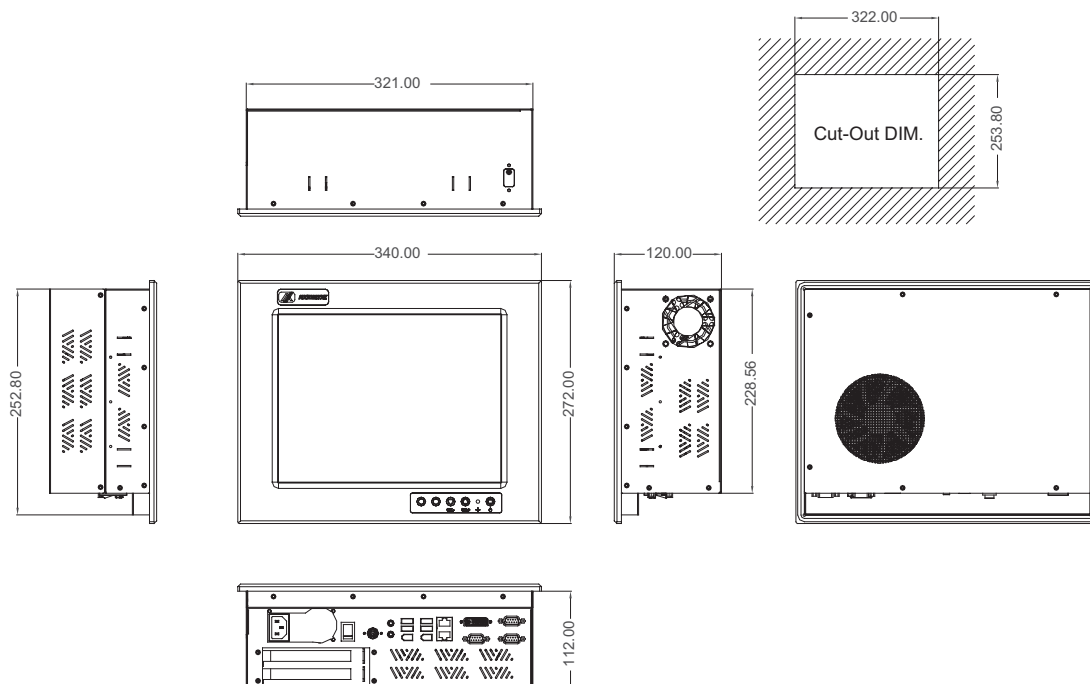
| | |
|---------------------|--|
| I/O Connector | 2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x IEEE 1394a 4 x USB 2.0 2 x PS/2 keyboard/mouse 2 x 10/100/1000Mbps Ethernet 1 x Audio (Line-out/Mic-in) 1 x DVI-I (female) for display (attached with a converter for DVI-I to VGA) |
| Expansion Interface | 2 x PCI slot |
| Touch screen | Resistive type Light Transmission 79% 1 million activations (typical) at a single point |
| Power supply | 100 ~ 240V _{AC} , 250W |
| Dimensions | 340mm (13.39") (W) x 120mm (7.31") (D) x 272mm (10.7") (H) |
| Weight (net/gross) | 6.3 kg (13.9 lb)/8.4 kg (18.5 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 |
| 82261580070E | Rack mount 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