

PPC-1561

15" Low-power Industrial Panel PC with Touchscreen/VGA/4USB/6COM/2LAN



1
Embedded Boards & Industrial Computers

2
Embedded Systems

3
Communications & Network Application Platform

4
Rugged Computers

Features

- 15" color TFT LCD, touch screen available (optional)
- Intel® Atom™ D525 processor
- Onboard 2 GB DDR3 memory
- Supports 4 x USB2.0, 6 x COM, 2 x LAN, 1 x VGA
- Supports VESA Mount standard
- Provides a removable cover for easy replacement of storage devices and expansion of other IO devices

Specifications

Display Features

Display Screen	15" color TFTLCD
Display Chipset	Intel® Atom™ D525 integrated graphics
Dual Display	VGA+18-Bit LVDS
Resolution	XGA(1024 × 768)
Brightness(cd/m ²)	350 cd/m ²
Contrast Ratio	400:1
Touch Screen	5-wire resistive touch screen with USB port

System

SBC Model	EMB-1812
Processor	Intel® Atom™ D525 processor
Chipset	Intel® Atom™ D525+ICH8M
Memory	Onboard 2GB DDR3 memory
Hardware Monitor	CPU temperature monitor, voltage monitor, and watchdog timer, etc.
Watchdog Timer	1~255 sec./min. timer system reset/interrupt, setup by software
Expansion Interface	1 x PCI
Storage	1 x 500G 2.5" SATA hard disk; Supports 1 x CompactFlash Socket Type II

Ethernet

Chipset	RTL8111D
Speed	2 x 10/100M/1000Mbps
Connector	2 x RJ45

I/O Interface

USB	4 x USB2.0
Serial Port	6 x RS-232 (four are RS-232/ RS-422/ RS-485)
KB/MS	1 x PS/2 KB, 1 x PS/2 MS
VGA	1 x VGA
GPIO	1 x 8-bit digital I/O connector
Other Ports	1 x DC power connector

Mechanical and Environmental

Dimensions	400 mm (L) x 300 mm (W) x 86.1 mm (H)
Reliability	MTBF ≥ 50000h;
Safety	GB4943-compliant
Operating Temperature	0°C~50°C
Storage Temperature	-20°C~60°C
Operating Humidity	5%~95% (non-condensing)

Power

Power Supply	9 ~30VDC/2 ~ 12A
Power Consumption	20.4W(Standby), 40.3W(MAXPOWER 100%)

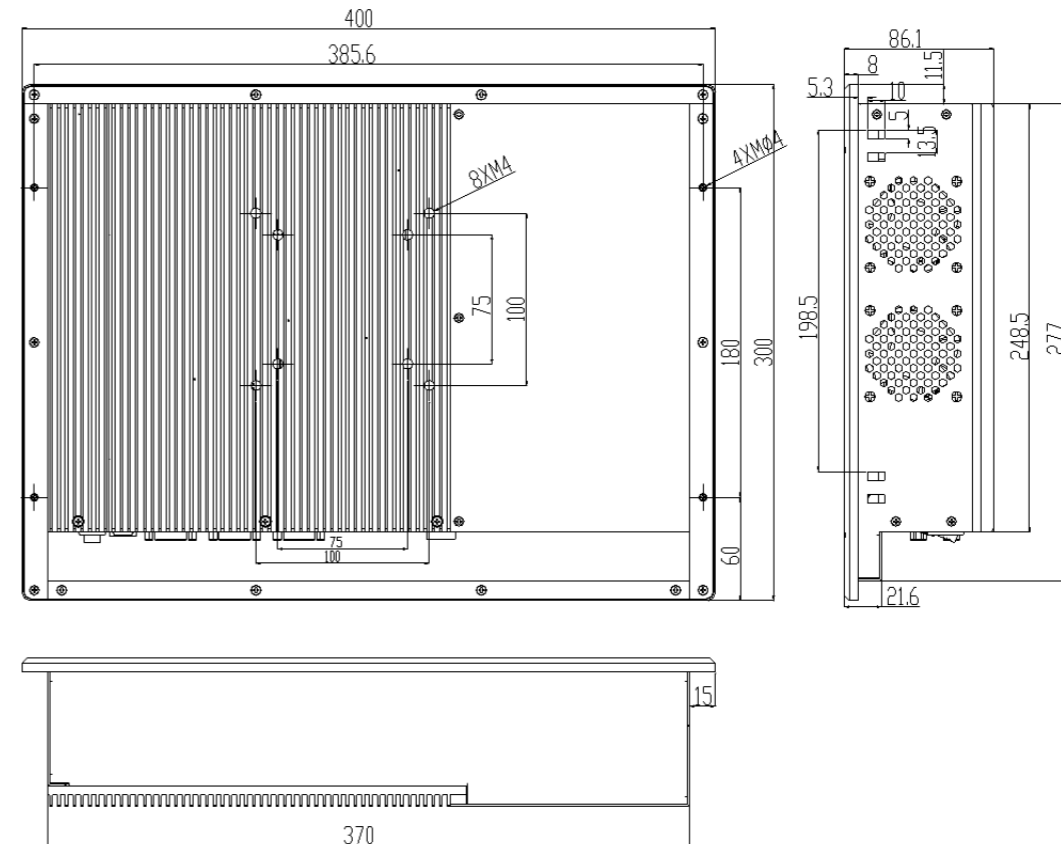
Operating System

Windows OS	Windows XP Professional/Windows XP Embedded/Win7/Linux
------------	--

Test

Vibration	5~19Hz/1.0mm amplitude, 19-200Hz/1.0g acceleration
Shock	10g acceleration, 11ms duration
EMC	GB9254-2008 class A

Dimensions



Unit:mm

Ordering Information

Part Number	Model Number	Description
0010-039971	PPC-1561T-0101	15" LCD panel PC/ touch screen / Intel® Atom™ D525/ Onboard 2 GB DDR3 memory /500G HDD With expansion /6 x COM/4 x USB/2 x LAN/1 x VGA/1 x PS/2 /24V DC input / RoHS
0010-039981	PPC-1561T-0202	15" LCD panel PC/ touch screen / Intel® Atom™ D525/ Onboard 2 GB DDR3 memory /4G CF Card/6 x COM/4 x USB/2 x LAN/1 x VGA/1 x PS/2 /24V DC input / RoHS
0010-039991	PPC-1561-0101	15" LCD panel PC/ toughened glass / Intel® Atom™ D525/ Onboard 2 GB DDR3 memory /500G HDD With expansion /6 x COM/4 x USB/2 x LAN/1 x VGA/1 x PS/2 /24V DC input / RoHS
0010-040311	PPC-1561-0201	15" LCD panel PC/ toughened glass / Intel® Atom™ D525/ Onboard 2 GB DDR3 memory /500G HDD/6 x COM/4 x USB/2 x LAN/1 x VGA/1 x PS/2 /24V DC input / RoHS
0010-040321	PPC-1561T-0102	15" LCD panel PC/ touch screen / Intel® Atom™ D525/ Onboard 2 GB DDR3 memory / 4G CF Card With expansion /6 x COM/4 x USB/2 x LAN/1 x VGA/1 x PS/2 /24V DC input / RoHS
0010-040331	PPC-1561T-0201	15" LCD panel PC/ touch screen / Intel® Atom™ D525/ Onboard 2 GB DDR3 memory /500G HDD / 6 x COM/4 x USB/2 x LAN/1 x VGA/1 x PS/2 /24V DC input / RoHS