

# PPC-1231A 12inch Fanless Panel PC with Intel Core 3th Generation Processor



## Features

- > Intel Core 3th Generation Processor
- > 12inch LED Panel with resistive / capacitive touchscreen
- > System memory up to 16GB DDR3
- > VGA and HDMI Dual Display
- > Fanless design and low power consumption
- > Supports SATA 2.5inch HDD and 1x mSATA socket
- > Front Panel IP64 Level
- > Supports Win XP/ Win 7/ Win 8/ Win 10/ Linux OS

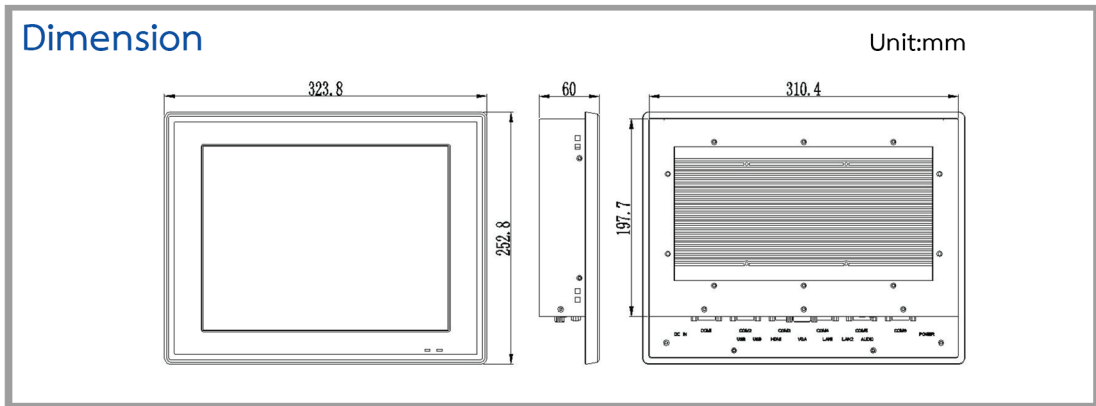
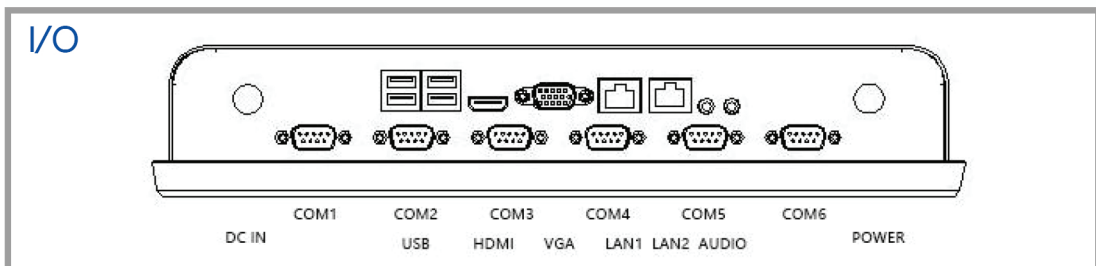
## Introduction

PPC-1231A is a new, 12" Panel PC equipped with an Intel® Core 3th generation processor. Meeting the demands of harsh environments, the fanless design makes the PPC-1231A extra reliable for applications in the machine building industry. In addition, the dual GbE LAN, 6 x serial ports, 4 x USB ports, make device connection and integration easy.

## Specifications

<b>Processor</b>	CPU	Onboard Intel® Core 3th Generation CPU, 1037U/i3/i5/i7
	Cooling System	Fanless
	Memory	Onboard 2GB DDR3, max 16GB Dual Channel
	Storage	32GB SSD+2.5' ' HDD
<b>I/O</b>	I/O ports	USB: 4xUSB2.0
		COM: 6xRS232, optional RS422/485
		Dual Display: 1xVGA, 1xHDMI
		Audio: 1xMic-in, 1x Line-out
	Expansion: MINI-PCIE	
Network(LAN)	2x Realtek 8111E, 10/100/1000Mbps Ethernet	
<b>Power Consumption</b>	Input Voltage	12V DC(Aviation Connector) , optional 9V-36V DC
<b>LCD Display</b>	Display Type:	12inch TFT LED Panel( LED Backlight)
	Max. Resolution:	1024x768
	Luminance(cd/m <sup>2</sup> )	350nits
	Backlight Lifetime	30,000hrs (typical)
<b>Touchscreen</b>	Touch Type	5-wire Resistive Touch / Capacitive Touch
	Controller	USB interface

	Durability(Touches)	36 million
<b>OS Support</b>	OS Support	Microsoft Windows XP/ Windows 7/ Windows 8/ Windows 10/ Linux
<b>Environment</b>	Operating Temperature	-10°C ~ 60°C(14~ 140 °F)(extend temperature optional)
	Storage Temperature	-20°C ~ 70°C(-4 ~ 158 °F)
	Front Panel Protection	IP64 / IP65 compliant
<b>Mechanical</b>	Dimensions	323.8(W)*252.8(D)*60(H)mm
	Weight	2.8KG(6.18lb)
	Color	Sliver
	Material	High Strength Aluminum Alloy Front Panel, Back Cover Fanless Al-alloy Radiator



**Packing**

11x PPC-1231A, 1x Driver CD, 1x Power Adapter

**Operating Systems**

- WIN XP SP3 32bit ENG
- WIN7 32bit 64bit ENG
- WIN8 32bit 64bit ENG
- WIN10 32bit 64bit ENG

Ps: Default BIOS Support WIN7 32bit 64bit OS, WIN8&WIN10 needs update BIOS

**Ordering Information**

- PPC-1231A-01-1: 1037U 2G RAM 32G SSD
- PPC-1231A-01-2: 1037U 4G RAM 64G SSD
- PPC-1231A-02-1: i3-3217U 2G RAM 32G SSD
- PPC-1231A-02-2: i3-3217U 4G RAM 64G SSD
- PPC-1231A-03-1: i5-3317U 4G RAM 32G SSD
- PPC-1231A-03-2: i5-3317U 4G RAM 64G SSD
- PPC-1231A-04-1: i7-3517U 4G RAM 64G SSD

**Optional accessories**

- VESA Bracket
- Power Cable 2-pin 200cm