



VESA installation standard : 100\*100mm

## Introduction

PPC-3100D is a high cost-effective 10.4" industrial tablet PC. Based on Intel Celeron J1900 2.0GHz processor, comes standard with 2GB DDR3L memory, DDR3 SO-DIMM, single slot maximum support 4GB. Support 2\*Gigabit Ethernet interfaces, 2\*SATA hard disk interfaces, 3\*USB ports and 2\*COM serial ports, support SIM card slot and Mini-PCIE 3G module, a wealth of hardware and software resources could meet a variety of industrial applications.

PPC-3100D industrial tablet pc is widely used in human-machine interface (HMI) and any system for display, such as industrial terminal, embedded terminal, self-service refueling, self-service vending machines, self-service library, POS machines, ATMs and other applications of self-service terminal equipment. At the same time, we can customize and develop various types of Tablet PC according to your needs, including hardware platform based on ARM architecture, increase hardware equipment, increase the interface and customize the appearance structure according to customer's requirement.

10.4" Display

J1900 processor

2GB DDR3 32GB SSD

Aluminum Case

Compact fanless

IP65 super Protection

Multi OS

## Features

- 10.4" TFT SVGA LCD panel , resolution: 800\*600
- Based on Intel Celeron J1900 2.0GHz processor , quad core four threads
- Standard 2GB DDR3L memory and 32GB SSD Storage
- Support LVDS、VGA、HDMI display interfaces , support asynchronous double display
- Reinforced aluminum housing, compact fanless design
- Support 2\*Gigabit Ethernet、2\*COM , built-in 2\*SATA interfaces and 2\*Mini-PCIE
- Support 9~24V wide range of voltage , overall power consumption < = 15W
- Support WIN7/WIN8/WIN10、Unix/Linux operating system
- Optional Intel Core i3-4030U/i3-5010U/i5-4210U/i5-5200U/i7-5500U platform

## Specification

Model	PPC-3100D
Screen Size	10.4-inch TFT LCD
Resolution	800*600
Brightness	500cd/m <sup>2</sup>
Contrast	800:1(transmission)
Screen Grade	Industrial Level
Touch Screen	Resistive Screen
CPU	Intel Celeron J1900 2.0GHz
Memory	Standard 2GByte DDR3L 1333, max support 4GB
Hard Disk	Standard 32GByte SSD
BIOS	SPI AMI EFI BIOS, support ACPI2.0B、APM1.2、DIM2.0、SMBIOS2.5
Storage	2*SATA2.0 ( 1*mSATA shared with SATA2 )
Display	Integrated Intel HD Graphics Core GPU , built in 1*VGA Pin, 1*HDMI、1*LVDS、support Asynchronous double display
LAN	2*10/100/1000Mbps adjustable
Serial	2

USB	3*USB2.0, 1*USB3.0
PCIE	2*standard Mini-PCIE interfaces, Configured SIM card slot, support 3G
Audio	Realtek HD ALC282 , 1*2w/8Ω power amplifier , speaker pins(Left、 Right) ,support MIC、 Line-out
Power Consumption	15W
Chassis material	Aluminum
Front panel	IP65 Standard
Oper Tem.	Tem: 0~50°C , Hum: 10%~90%RH@31°C, no condensation
Environ Tem.	Tem: -20~60°C , Hum:10%-95%RH@39°C no condensation
Dimension	262*209*60mm
Weight	2.2KG
System	Microsoft Windows 7/8/10、 Linux/Unix
Mounting Method	Embedded or wall hanging panel (VESA installation standard : 100*100mm)
Switch	1*Power Switch
Power Input	DC12V, support 9V-24V DC wide range of voltage input

## Dimensions

