



VESA installation standard :100*100mm

12.1" Display

J1900
processor

2GB DDR3
32GB SSD

Aluminum Case

Compact fanless

IP 65

Multi OS

Introduction

PPC-3120A is a high cost-effective 12.1" industrial tablet PC. Based on Intel Celeron J1900 2.0GHz processor, comes standard with 2GB DDR3L memory, supports single channel 1600/1333MHz DDR3L/1.35V memory, single slot maximum support 8GB. Support 1* Gigabit Ethernet port, 2* SATA Hard disk interfaces, 4* USB ports and 4* COM serial ports, support SIM card slot and Mini-PCIE 3G/WiFi modules, rich hardware and software resources could meet a variety of industrial applications.

PPC-3120A industrial tablet pc is widely used in human-machine interface (HMI) and any system for display, such as industrial terminal, embedded terminal, selfservice 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.

Features

- ◆ 12.1" 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 synchronous/asynchronous dual display
- ◆ Reinforced aluminum housing, compact fanless design
- ◆ Support 1*Gigabit Ethernet、4*COM, built-in 2*SATA interfaces and 1*Mini-PCIE
- ◆ Support WIN7/WIN8/WIN10、Unix/Linux operating system
- ◆ Customize Intel Bay Trail-I/M/D all series CPU

Specifications

Model	PPC-3120A
Screen Size	12.1-inch TFT LCD
Resolution	800*600
Brightness	500cd/m ²
Contrast	800:1(transmission)
Screen Grade	Industrial Level
Touch Screen	Resistive Screen
CPU	Intel Celeron J1900 2.0GHz, optional J1800/2Cores/2.41GHz processor
Chip	Based on Intel Bay Trail SOC, Compatible Intel Bay Trail-I/M/D all series CPU
Memory	Standard 2GByte DDR3L, support single channel 1600/1333MHz DDR3L/1.35V memory, max support 8GB
Chipset	Based on Intel@Bay Trail SOC, compatible Intel@Bay Trail-I/M/D all series CPU
Hard Disk	Standard 32GByte SSD
BIOS	64MB FLASH ROM
Storage	1*2.5" SATA (can install hard disk directly) 1*mSATA slot, transmission speed up to 3Gbps
Display	Integrated Intel HD Graphics Core GPU, 1*VGA、1*HDMI、1*LVDS (support Dual channels 24Byte)、support HDMI、VGA、LVDS Synchronous/Asynchronous display

LAN	1*10/100/1000Mbps adjustable
Serial	4
USB	3*USB2.0 , 1*USB3.0
Audio	Realtek HD ALC662, 6-channel Hi-Fi Audio controller support MIC/Line-out, support 5w/2Ω speaker
PCIE	1*standard Mini-PCIE interface, supprt 3G、WiFi module
Switch	1*Power Switch
Power Input	DC12V, support 9V-24V DC wide range of voltage input
Power	18W
Chassis material	Aluminum
Front panel	IP65 Standard
Watch Dog	256 Levels 0-255s (support Hardware reset)
Oper Tem.	Tem: 0~50C° Hum: 10%~90%RH@31C°, no condensation
Environ Tem.	Tem: -20~60C° Hum:10%-95%RH@39C° no condensation
System	Microsoft Windows 7/8/10、Linux/Unix
Weight	3.8KG
Mounting Method	Embedded or wall hanging panel (VESA installation standard : 100*100mm)

Size

