



VESA installation standard :100*100mm

8" Display

J1900
processor

2GB DDR3
32GB SSD

Aluminum Case

Compact fanless

IP 65

Multi OS

Introduction

PPC-3080A is a high cost-effective 8" industrial tablet PC. Based on Intel Celeron J1900 2.0GHz processor, comes standard with 2GB DDR3L memory, DDR3 ODIMM, single slot maximum support 4GB. support 2*Gigabit ethernet ports, 4*USB interfaces, 2*SATA hard disk interfaces, and 1*COM serial port, support SIM card slot and Mini-PCIE 3G module, rich hardware and software resources could meet a variety of industrial applications.

PPC-3080A 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

- ◆ 8" 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、1*COM, built-in 2*SATA interfaces and 2*Mini-PCIE
- ◆ Support WIN7/WIN8/WIN10、Unix/Linux operating system
- ◆ Optional Intel Core i3-4030U/i3-5010U/i5-4210U/i5-5200U/i7-5500U platform

Specifications

Model	PPC-3080A
Screen Size	8-inch TFT LCD
Resolution	800*600
Brightness	250cd/m ²
Contrast	500:1(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 1333, max support 4GB
Hard Disk	Standard 32GByte SSD
BIOS	SPI AMI EFI BIOS, support ACPI2.0B、APM1.2、DIM2.0、SMBIOS2.5
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	1
USB	3*USB2.0 480Mb/s , 1*USB3.0 5Gb/s
Audio	Realtek HD ALC282, 1*2w/8Ω power amplifier, speaker pins(Left、Right) ,support MIC、Line-out
PCIE	2*standard Mini-PCIE interfaces, Configured SIM card slot,support 3G
Switch	1*Power Switch
Power Input	DC12V, support 9V-24V DC wide range of voltage input
Power	15W
Chassis material	Aluminum
Front panel	IP65 Standard
Watch Dog	256 Levels 0-255s (support Hardware reset)
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
System	Microsoft Windows 7/8/10、Linux/Unix
Weight	2KG
Mounting Method	Embedded or wall hanging panel (VESA installation standard : 100*100mm)

Size

