Z20 PA-121TPC-HD

12.1 Inch
IP67 Waterproof Industrial Panel PC
Intel® Celeron® J1900 Processor

Characteristic

- The whole machine is fully enclosed and supports IP67 waterproof
- Industrial Grade 12.1" TFT XGA LED Panel
- Imported resistive touch screen
- Intel® Celeron® J1900 Processor
- Supports up to 8 GB DDR3L SDRAM
- All metal aluminum design
- Support Windows Embedded and LINUX
- Supports VESA 100 mounting holes
- Support custom interface

Overview

This is a cost-effective 12.1-inch waterproof industrial tablet computer, equipped with Intel® Celeron® J1900 processor as standard, and the compact embedded system can provide high-performance computing. High durability design, the protection level supports the whole machine IP67, imported resistive touch screen, supports 4 serial ports, 3 USB ports and 2 Gigabit Ethernet ports to meet various industrial applications (interfaces can be customized according to requirements).

Spec

Processor	CPU	Intel® Celeron® J1900
	Frequency	2.0GHz
	L2 cache	2MB
	Memory	1 x SO-DIMM, DDR3L 1333, Maximum support 8 GB
	Storage	1 x MSATA Bay
	Network (LAN)	1 x 10/100/1000 Mbps Ethernet
	I/O Interface	Customized as required, non-standard interface
	Expand	1 x Full-size Mini PCIe slot
	Watchdog timer	255 levels
Physical properties	Size	326 x 261 x 46.5 mm
	Weight	4.2 Kg
OS	Operating system	Windows 7 32bit&64bit / Windows 8.1 32bit&64bit Windows 10 32bit&64bit/WES7/Linux
Power consumption	Input voltage	12 Vdc
	Power consumption	18W
LCD Display	Display type	12.1" TFT LCD (LED backlight)
	Resolution	1024 x 768
	Angle of view	80(Left), 80(Right), 80(Up), 80(Down)
	Brightness (cd/m2)	450
	Contrast	700
	Backlight life	50,000 hours (Min.)
Touch Screen	Type	Imported 5-wire high temperature resistance touch screen
	Transmittance	80±5% at 550 nm wavelength
	Controller	USB interface
	Durability (number of touches)	≥35 million times
Environment	Operating temperature	-10 ~ 50°C
	Storage temperature	-20 ~ 60°C
	Relative humidity	100%
	EMC	CCC
	Safety	CCC
	Front panel protection	Machine IP67

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Size

Unit: mm
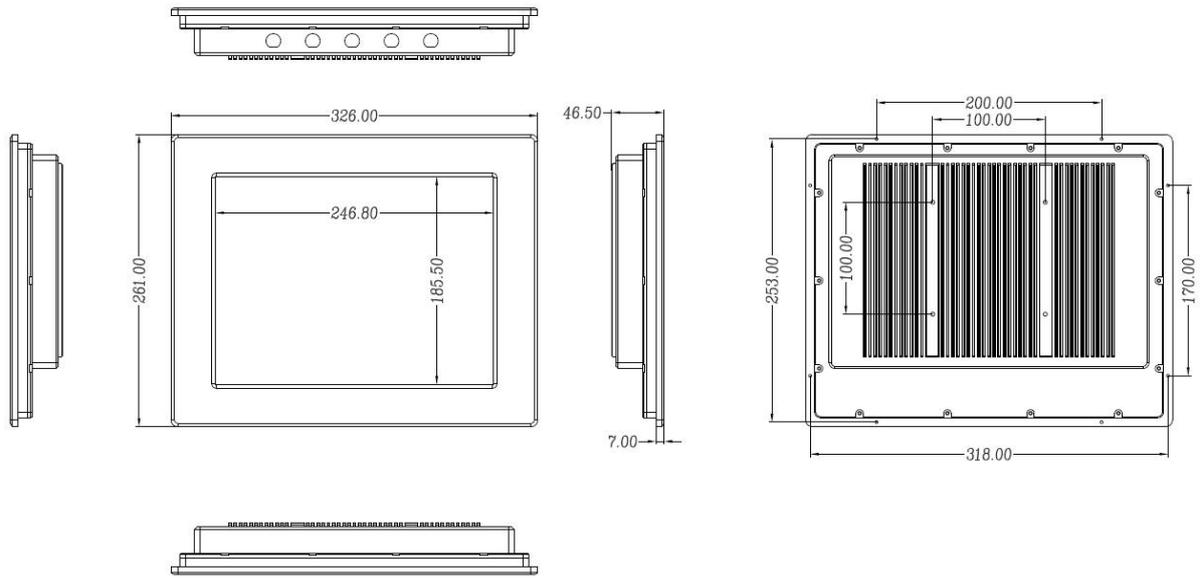
开孔尺寸: **312 x 247 mm**

Ordering Information

Part No	Description
PA-121TPC- NE5B(J19)	Intel Celeron J1900 Processor
PA-121TPC- NE5B(i3)	Intel Core i3 processor (6th generation)
PA-121TPC- NE5B(i5)	Intel Core i5 processor (6th generation)
PA-ARM-1	VESA standard wall mount bracket

I/O Interface
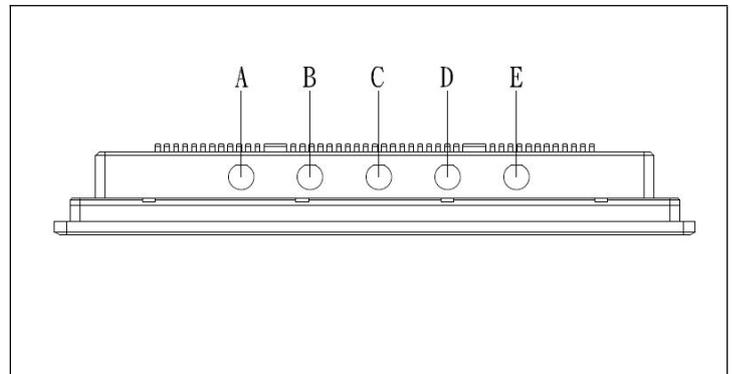
A. DC-In (12V)+Switch   4-pin waterproof aviation socket

B. USB1~3   9-pin waterproof aviation socket

C. COM1(RS-232)   9-pin waterproof aviation socket

D. GLAN*1   9-pin waterproof aviation socket

E. GLAN*1   9-pin waterproof aviation socket

Note: This model can be customized according to customer requirements