

Z18 PA-080TPC-AF

8"Industrial Panel PC Intel® Celeron® J1900 Processor



Features

- ◆ Industrial-grade 8" TFT XGA LED panel
- ◆ Imported 5-wire high-temperature resistive touch screen
- ◆ Intel® Celeron® J1900 processor
- ◆ Memory supports up to 8 GB DDR3L SDRAM
- ◆ PET film + aluminum alloy panel, nearly full-plane touch design
- ◆ Front panel protection level IP65
- ◆ Fanless cooling design
- ◆ Support full-size Mini PCIe expansion
- ◆ Support USB 3.0
- ◆ Support Windows Embedded and Android
- ◆ Support VESA 75

Overview

Z18 PA-080TPC-AF is a cost-effective 8-inch XGA LCD industrial tablet computer, standard Intel® Celeron® J1900 processor, compact embedded system can provide high-performance computing. High durability design, front panel protection level IP65, nearly full flat design, imported 5-wire high temperature resistance touch screen, support 3 serial ports, 4 USB ports and 2 Gigabit Ethernet ports to meet various industrial applications.

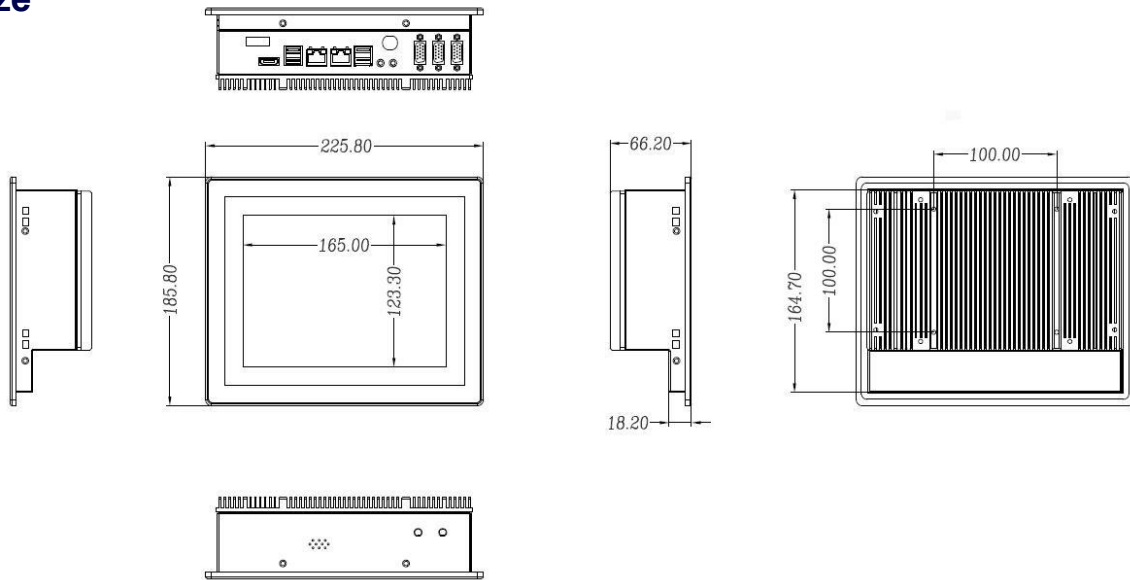
Spec

Processor	CPU	Intel® Celeron® J1900 (optional 3855u/I3/I5 models)
	frequency	2.0GHz Quad-core
	Second level cache	2MB
	Memory	1 x SO-DIMM, DDR3L 1333, up to 8 GB
	Storage	1 x MSATA
	Network	2 x 10/100/1000 Mbps Ethernet (INTEL I211A chip)
	I/O	3 x RS232 (1 of which can be set as RS485) 5 x USB 2.0, 1 x USB 3.0
	Extensions	1 x Full-size Mini PCIe slot
	Watchdog Timer	Level 255
Physical properties	Size	225.8 x 185.8 x 66.2 mm
	Weight	1.5 Kg
OS	Operating system	Windows 7 32bit&64bit / Windows 8.1 32bit&64bit Windows 10 32bit&64bit/WES7/Linux
Power consumption	Input voltage	9~28 Vdc
	Power consumption	18W
LCD Display	Display Type	8" TFT LCD (LED backlight)
	Resolution	1024 x 768
	Viewing angle	85(left), 85(right), 85(up), 85(down)
	Lumen (cd/m2)	250
	Contrast	800
	Backlight life	15,000 hours (Min.)
Touchscreen	Type	Imported 5-wire high temperature resistance touch screen
	Light transmittance	80±5% at 550 nm wavelength
	Controller	USB interface
	Durability (Number of Touches)	≥35 million times
Environment	Operating temperature	0 ~ 50°C with SSD 0 ~ 40°C with HDD
	Storage temperature	-40 ~ 60°C
	Relative humidity	10 ~ 95% @ 40°C (Non-condensing)
	EMC	CCC , CE
	Safety	CCC
	Front panel protection	IP65 standard

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Size

Unit: mm

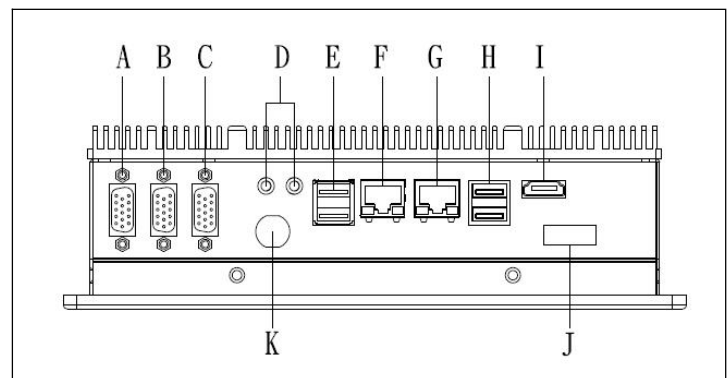


Opening Hole Size: 208.5 x 167 mm

Ordering Information

Part Number	Description
PA-080TPC-AF	Intel Celeron J1900
PA-ARM-1	VESA standard wall bracket
PA-ACW-1	2.4G WIFI module with antenna
PA-ACW-2	5G dual-band WIFI module with antenna

I/O



- A. COM3(RS-232)
- B. COM2(RS-232/RS485)
- C. COM1(RS-232)
- D. AUDIO_Out&MIC_IN
- E. 2 x USB 2.0
- F. RJ45 GLAN
- G. RJ45 GLAN
- H. 1 x USB 2.0, 1 x USB 3.0
- I. HDMI
- J. POWER_SW
- K. DC_in (9~28V)