

# ALAD-A1001T/T(P)

Intel® Celeron J1900 CPU, 2\*LAN,  
1\*USB3.0, 3\*USB2.0, 2\*COM, DC 9~36V,  
IP65 front panel protection **JHCTECH**

IoT Computer  
Connecting the Dots

Industrial Panel Computer,  
Aladdin Family



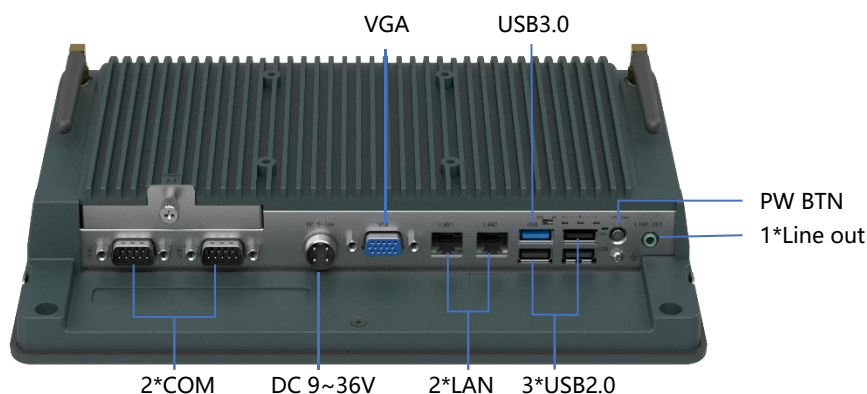
## Key Features

- Aluminum alloy die-casting, fanless design
- 10.1" LED TFT LCD, Capacitive/Resistive touch screen
- Intel® Baytrail Celeron J1900 CPU
- 1\*DDR3L 1333MHz SODIMM, Max. 8GB
- 1\*Mini PCIe(PCleX1+USB), with SIM slot
- 2\*COM, 2\*LAN, 1\*USB3.0, 3\*USB2.0
- 1\*2.5" swappable SATA Bay, 1\*mSATA
- 1\*VGA, 2\*2W Speaker
- DC 9~36V Power input

## Description

ALAD-A1001T is an intelligent fanless embedded panel PC equipped with Intel Baytrail Celeron J1900 CPU and 10.1" 1280\*800 resolution high brightness TFT LCD. It supports flat panel 5-wire resistive touch screen, optional multi-touch projected capacitive touch screen. It is widely used in logistics and warehousing management fields.

## I/O View

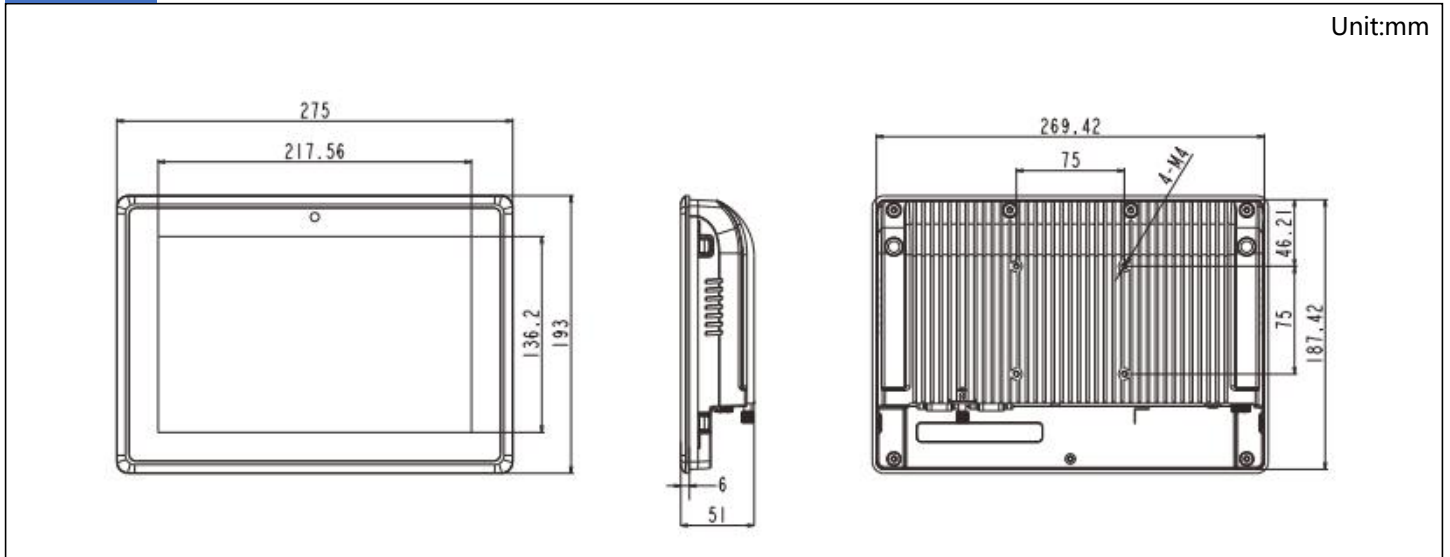


## SPEC.

CPU	Intel Baytrail-D Celeron J1900 , 2.0~2.42GHz, 22nm, TDP 10W
System Memory	1*DDR3L 1333MHz SODIMM, MAX. 8GB
Expansion	1*Full size Mini PCIe with PCIe X1 and USB with SIM slot, support 4G LTE/Wifi/BT ect. 1*Full size mSATA with USB2.0; 1*JHC-Express-01 EIO(PCle,USB2.0,LPC,SMBus, PS2)
Intel Graphics	Gen7 Intel HD Graphics, Max. Res: VGA: 1920*1200@60Hz, support OpenGL 3.2, DirectX 11, OpenCL 1.2, MPGE2/H.264
Audio	Support 5.1 sound channel, Support Realtek ALC662VD (optional)
LAN	2*Intel I210-AT PCIe Gigabit Ethernet, 10/100/1000M self-adaption
Storage	1*2.5" SATA 3.0 HDD/SSD; 1*mSATA Full-height card, support AHCI
I/O ports	2*RJ45 LAN with LEDs, 1*VGA, 1*USB3.0 Type A, 3*USB2.0 Type A 2*COM: RS232/422/485, DB9 1*Line-out, optional audio, 2*2W Speaker
Expand-Ports	1*Mini PCIe(PCleX1&USB signal)
LED	1*Power LED, 1*HDD LED, 3*CPU temperature LEDs (Red is warning, Yellow is high, Green is normal)
Control SW	1*Power button, 1*ATX Power SW
Power Supply	DC IN 9~36V, short circuit, overvoltage and overcurrent pro. Con. TDP: 12V/1.1A(2.5"HDD)
Watchdog Timer	Watchdog timeout programmable via software 1 to 255 second
OS Support	Windows 7, Windows 8.1, Windows 10, Linux Fedora Ubuntu

Structure	Aluminum alloy die-casting, flat panel, cooling fin case	
Color	Granite gray	
Mounting	Panel Mounting, VESA 75*75mm	
Dimension	(W*H*D): 275*193*51mm, Panel mounting opening size (W*H): 271*189 mm	
Net weight	1.80KG	
Operating temperature	-10°C~50°C -HDD(-10~60°C, SSD), with air flow	
Storage Temperature	-20°C~60°C	
Storage Humidity	10~90%@40°C, No-condensation	
Vibration	1g 5~500Hz, with HDD	
Shock	10g peak acceleration(duration 11ms), with HDD	
Certification/EMC	CE/FCC Class A	
LCD Dimension	10.1" TFT LED	
LCD Resolution	1280*800	
LCD Max.colors	16.2M	
LCD Luminance	400	
LED Life Time	30000 Hrs	
LCD Viewing Angle	85° (left) , 85° (right) , 85° (up) , 85° (down)	
Touchscreen Type	5-wires resistive touch screen	Projected capacitive touch screen
Touchscreen Light Transmission	83%	90%
Surface Hardness	≥3H	≥6H
Touchscreen Controller	USB	

## Dimension



## Ordering Info

Model	CPU	Touch Screen	Specifications
ALAD-A1001T/S001-G	Intel J1900	5-wires resistive touch screen	10.1" TFT LCD, Intel J1900 CPU, 2*COM(2*RS232/422/485), 4*USB 2*LAN, 1*Mine PCIe, 1*VGA, 1*Line out, 1*2.5" SATA Bay, 1*mSATA, 2*2W power speaker, DC 9~36V power supply
ALAD-A1001T(P)/S001-G		Projected capacitive touch screen	
PA-60DC12	AC/DC power adapter, DC12V/5A, 60W		