

ALAD-A1001T

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 Data

Industrial Panel Computer,
Aladdin Family



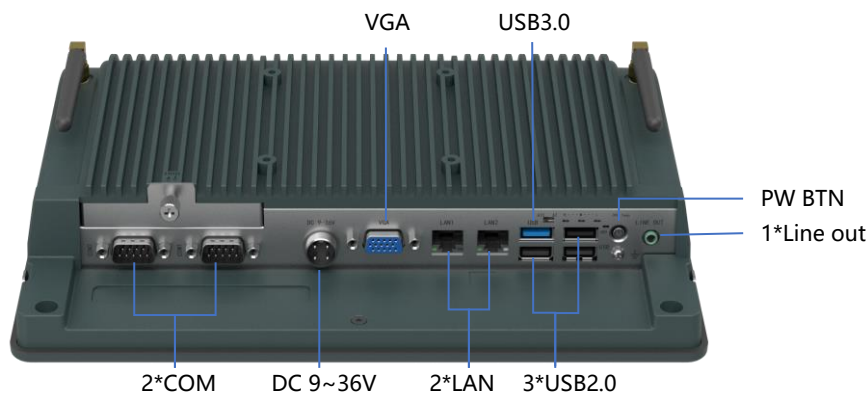
Key Features

- 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

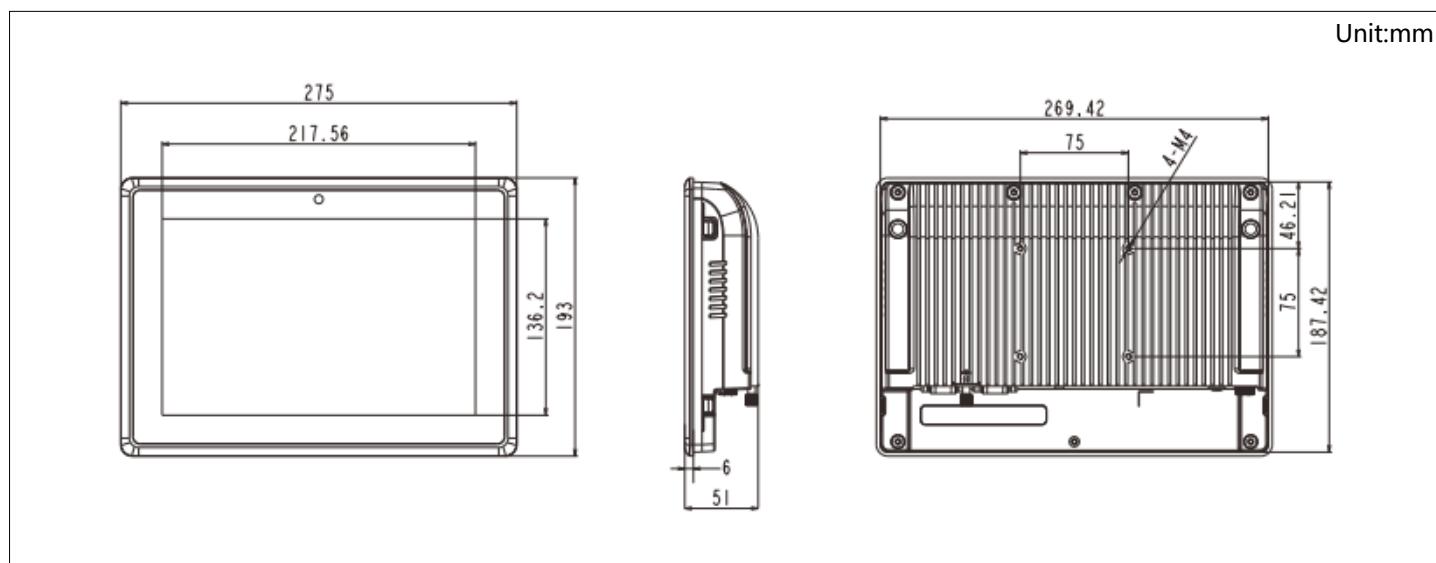


SPEC.

CPU	Intel Baytrail-D Celeron J1900 , 2.0~2.42GHz, 4C/4T, 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	optional support Realtek ALC662VD, support 5.1 sound channel
LAN	2*Intel I211-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
I-Port	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*189mm
Net weight	1.80KG
Operating temperature	0~50°C -HDD(-10~55°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	16.7M
LCD Luminance	350/500
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%
Touchscreen Controller	USB

Dimension



Ordering Info

Model	Luminance	Camera	Touch Screen	Specifications
ALAD-A1001T/S001-G	350	n/a	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/S002-G	350	500M	5-wires resistive touch screen	
ALAD-A1001T/T001-G	500	n/a	5-wires resistive touch screen	
ALAD-A1001T/T002-G	500	500M	5-wires resistive touch screen	
ALAD-A1001T(P)/S001-G	350	n/a	Projected capacitive touch screen	
ALAD-A1001T(P)/S002-G	350	500M	Projected capacitive touch screen	
ALAD-A1001T(P)/T001-G	500	n/a	Projected capacitive touch screen	
ALAD-A1001T(P)/T002-G	500	500M	Projected capacitive touch screen	
PA-60DC12	AC/DC power adapter, DC12V/5A, 60W			