

# ALAD-A1001T

Industrial Panel Computer, 10.1" TFT LCD ,Capacitive/ Resistive Touch, Intel Baytrail CPU, 2\*LAN, 1\*USB 3.0

## Overview:

ALAD-A1001T-G is a compact, fanless embedded panel computer, powered by Intel Baytrail-D family Celeron J1900 processor. Supports 10.1 inch 1280\*800@60Hz TFT LCD. It offers multiple I/O interface, 1\*2.5" easy-pluggable SATA bay and 1\*full size mSATA for storage, 1\*Mini PCIe socket (PCIex1+USB signal) for expansion. It will be fit for application of automation and warehouse management .

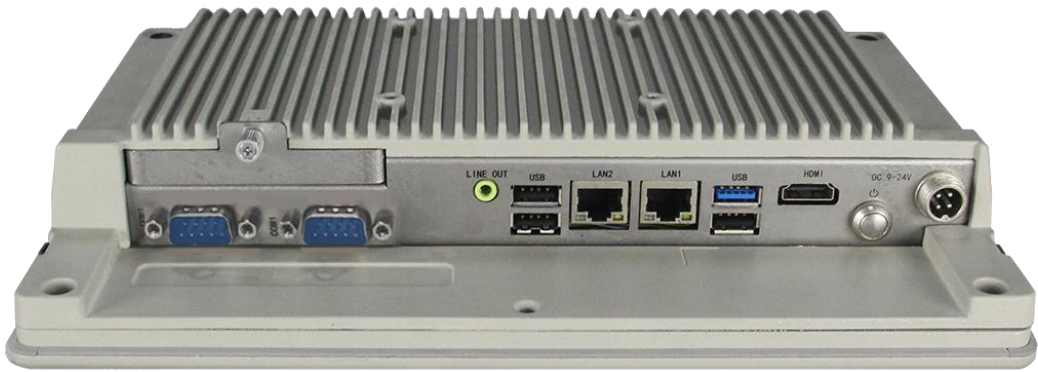
















Feature :

- 1, Aluminum die-casting chassis , fanless design
2. 10.1 inch LED TFT LCD, Capacitive/Resistive touch
3. Intel Baytrail Celeron J1900 CPU
- 4.1\*DDR3L 1333MHz SODIMM, Max 8GB
5. 2\*Mini PCIe(PCle+USB and Msata)
- 6.2\*COM, 2\*LAN, 1\*USB3.0, 3\*USB2.0
- 7.1\*2.5"HDD Bay, 1\*Msata
8. 1\*HDMI,2\*2W Speaker DC 9~24V Power input

Specification:

System	CPU	Intel Baytrail Celeron J1900 2.0-2.42GHz, 4C4T,TDP 10W	
	Chipset	Intel SOC	



	System Memory	1*DDR3L 1333MHz SODIMM, Max 8GB	
	BIOS	Insyde SPI 64Mbit Flash	
	Storage	1*2.5"SATA HDD bay, support SATA3 6Gbps HDD/SSD,1*mSATA	
	Display	10.1"LED TFT LCD and HDMI, dual display, Intel HD Graphics, support Intel Quick Sync Video	
	Touch	5-wire resistive touch optional projected capacitive touch, USB control	
	Expansion	1*Mini PCIe full size with PCIe&USB signal ; 1*mSATA full size	
	Rear I/O	2*COM:1*RS232,1*RS232/422/485,DB9 connector	
		1*USB3.0 Type A,3*USB 2.0 Type A	
		1*HDMI,1*Line out	
		2*RJ45	
		Optional 1*5M web camera (Front )	
	LAN	Intel I211AT controller,10/100/1000 Mbps	
	Audio	Realtek ALC282 Audio codec integrated,2*2W speaker inside	
Control SW/LED	1*Power button with LED ,1*HDD LED		
Power Supply	DC:9~24 V input,4-pin M12 connector ,consumption:TBD12/3.5A(4G RAM 500G HDD)		
OS	Windows 7, Windows 8.1,Linux,Windows 10		
Mechanical & Environmental	Construction	Aluminum die-casting front bezel and chassis ,fin-shaped radiator shell	
	Operating Temperature	0~50C -HDD, -10~55C -SSD,with airflow	
	Storage Temperature	-20~60°C	
	Storage Humidity	10~95%@ 40°C,non-condensing	
	Shock	10g peak acceleration (duration 11ms),in operating with HDD	
	Vibration	1g5~500Hz,in operating with HDD	
	Mounting	Panel mounting, VESA75*75mm	
	Dimension	(W*H*D):275*193*51mm; mounting cut out (W*H):271*189mm	
	Net Weight	1.80kg	
	EMC	CE,FCC, Class A	
LCD	Type	10.1"TFT LED Backlight	
	Resolution	1280*800	
	Color	16.7M colors	
	Pixel Pitch(mm)	0.1695*0.1695(mm)	
	Brightness(cd/m)	350	
	Backlight lifetime	15000 hours	
	Viewing Angle	85Degree(left),85Degree(right),85Degree(up) 85Degree(down)	
	Operating Temperature	-20~70°C	
Touch	Type	5 wire resistive screen	Projected capacitive screen

	Resolution	gapless	gapless
	Light Transmittance	83%	90%
	Interface	USB/RS232	USB/RS232
	Consumption	+5V@200mA	+5V@300mA
	OS	Windows/Linux	Windows/Linux
	Click Lifetime	15 million times	3 billion times

#### Ordering Info

NO.	Introductions
ALAD-A1001T/S001-G	industrial panel computer, Intel J1900 CPU,10.1 inchTFT LCD, 5 wire resistive touch, 1*HDMI, 2*COM, 4*USB,2*LAN,1*Mini PCIe,1*2.5 inchHDD Bay, 1*Msata, 1*Line out,1*5M camera ,2*2W speaker, DC 9~24 V
ALAD-A1001T(P)/S001-G	industrial panel computer, Intel J1900 CPU,10.1 inchTFT LCD, 5 wire resistive touch, 1*HDMI, 2*COM, 4*USB,2*LAN,1*Mini PCIe,1*2.5"HDD Bay, 1*Msata, 1*Line out,1*5M camera ,2*2W speaker, DC 9~24 V
ALAD-A1001T/S002-G	Industrial panel computer, Intel J1900 CPU,10.1 inchTFT LCD, 5 wire resistive touch, 1*HDMI, 2*COM, 4*USB,2*LAN,1*Mini PCIe,1*2.5"HDD Bay, 1*Msata, 1*Line out,1*5M camera ,2*2W speaker, DC 9~24 V
ALAD-A1001T(P)/S002-G	Industrial panel computer, Intel J1900 CPU,10.1"TFT LCD, projected capacitive touch, 1*HDMI, 2*COM, 4*USB,2*LAN,1*Mini PCIe,1*2.5"HDD Bay, 1*Msata, 1*Line out,1*5M camera ,2*2W speaker, DC 9~24 V
PA-60DC12	AC/DC power adapter, DC 12V/5A 60W



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