

Industrial Panel Computer, Aladdin Family

# ALAD-K1520T

15.0" TFT LCD Capactive/Resistive Touch, Intel® Skylake-U CPU 2\*LAN 4\*USB3.0



## Key Features

- Aluminum die-casting chassis, fanless design
- 15.0" LED TFT LCD, capacitive/resistive touch
- Intel® Skylake-U Core I3/I5/I7 CPU
- 1\*DDR4 2133 SODIMM, Max 16GB
- 1\*Mini PCIe, Optional 1\*PCI/PCIe X1
- 4\*COM, 2\*LAN, 4\*USB3.0, 1\*USB2.0
- 2.5" HDD Bay, 1\*M.2
- ATX button&remote button
- DC 9~36V power input

ALAD-K1520T-G is an intelligent, fanless embedded panel computer, powered by Intel® Skylake-U Celeron and Core I3/I5/I7 CPU. Supports 15 inch 1024\*768@60Hz TFT LCD. It offers multiple I/O interface, 1\*2.5" SATA bay and 1\*M.2 for storage, 1\*Mini PCIe socket (PCIex1+USB signal) and optional PCI/PCIeX1.DC9~36V wide powerinput,be fit for use in MES and machines HMI.



## SPEC

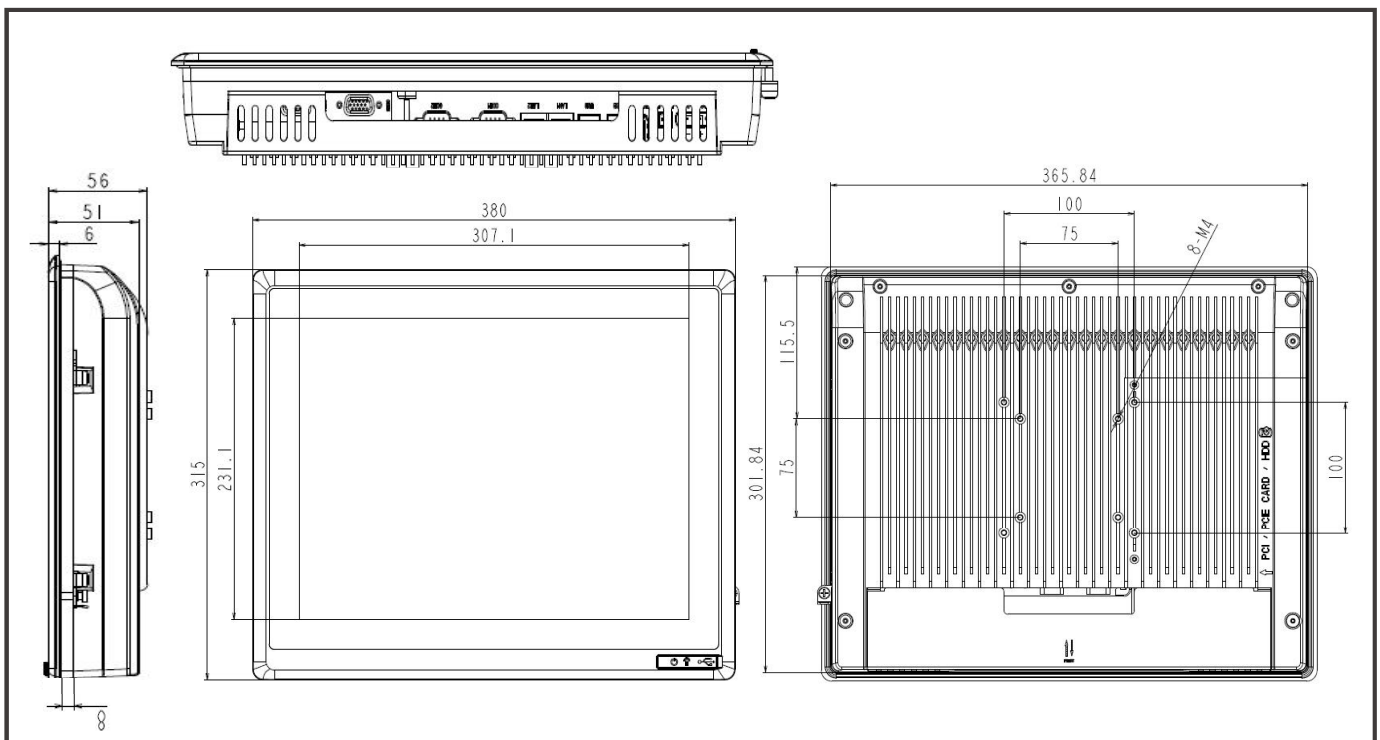
System	CPU	Intel® Skylake Core I3-6100U 2.3GHz, 2C4T, TDP 15W(Optional I5-6200U,I7-6500U) Intel® Skylake Celeron 3855U 1.6GHz, 2C2T,TDP 15W
	Chipset	Intel® SOC
	System Memory	1*DDR4 2133 MHz SODIMM, Max 16GB
	BIOS	Insyde SPI 64Mbit flash
	Storage	1*2.5" SATA HDD bay, support SATA3.0 6Gbps HDD/SSD, 1*M.2 (2242 B-Key)
	Display	15.0" LED backlight TFT LCD and HDMI (4K resolution), dual display, Intel® HD Graphics 510/520
	Touch	5 wire resistive touch optional projected capacitive touch, USB control
	Expansion	1*Mini PCIe(PCIe&USB signal optiona :1*32 bit PCI or 1*PCIeX1
	Real I/O	4*COM: 2*RS232, 2*RS232/422/485, DB9(When using PCI/PCIe, there are only 2*COM) 4*USB3.0 Type A 1*HDMI 2*RJ45
	Front I/O	1*USB2.0 Type A
	LAN	Intel® I210AT chip, 10/100/1000 Mbps
	Mechanical & Environmental	Construction
Operating Temperature		0~50℃ -HDD( -10~55℃ -SSD), with airflow
Storage Temperature		-20~60℃
Storage Humidity		10~95%@40 , non-condensing
Shock		10g peak acceleration(duration 11ms), in operating with HDD
Vibration		1g 5~500Hz, in operating with HDD
Mounting		Panel mounting, VESA 100*100 and 75*75mm
Dimension		(W*H*D):380*315*56mm; mounting cut out(W*H): 367.3*303.3mm
Dimension		4.3kg
EMC		CE,FCC Class A

\* All specifications and photos are subject to change without notice.

LCD	Type	15.0" TFT LED	
	Resolution	1024*768	
	Color	16.2M colors	
	Pixel Pitch(mm)	0.297*0.297	
	Brightness(cd/m2)	350	
	Viewing Angle	80 Degree(left), 80 Degree(right), 80 Degree(up), 80 Degree(down)	
	Operating Temperature	-20~70℃	
	Backlight Lifetime	50,000 hours	
Touch	Type	5 wire resistive touch	Projected capacitive touch
	Resolution	gapless	gapless
	Light Transmittance	83%	90%
	Interface	USB	USB
	Consumption	+ 5V @ 200mA	+ 5V @ 300mA
	OS	Windows/Linux	Windows/Linux
	Click Lifetime	35 million times	3 billion times

### Dimension

Unit:mm



### Ordering Info

Model NO.	CPU	TOUCH	Description
ALAD-K1520T/ T001-G	Intel® Core I3-6100U	5 wire resistive touch	Industrial touch panel computer, 15.0" TFT LCD, HDMI, 4*COM(or 2*COM+ 1*PCI/PCIeX1), 5*USB, 2*LAN, 1*Mini PCIe, 2*3W speaker, 1*2.5" SATA Bay, 1*M.2, DC 9~36 power input.
ALAD-K1520T(P) / T001-G	Intel® Core I3-6100U	projected capacitive touch	
ALAD-K1520T/ T002-G	Intel® Core I5-6200U	5 wire resistive touch	
ALAD-K1520T(P) / T002-G	Intel® Core I5-6200U	projected capacitive touch	
ALAD-K1520T/ T003-G	Intel® Core I7-6500U	5 wire resistive touch	
ALAD-K1520T(P) / T003-G	Intel® Core I7-6500U	projected capacitive touch	
ALAD-K1520T/ T004-G	Intel® Celeron 3855U	5 wire resistive touch	
ALAD-K1520T(P) / T004-G	Intel® Celeron 3855U	projected capacitive touch	
PA-60DC12	AC/DC power adapter, DC12V/5A 60W		

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