

# ALAD-K1520T

Industrial Panel Computer, 15" TFT LCD, Capacitive/ Resistive Touch, Intel Skylake-U CPU, 2\*LAN, 4\*USB 3.0







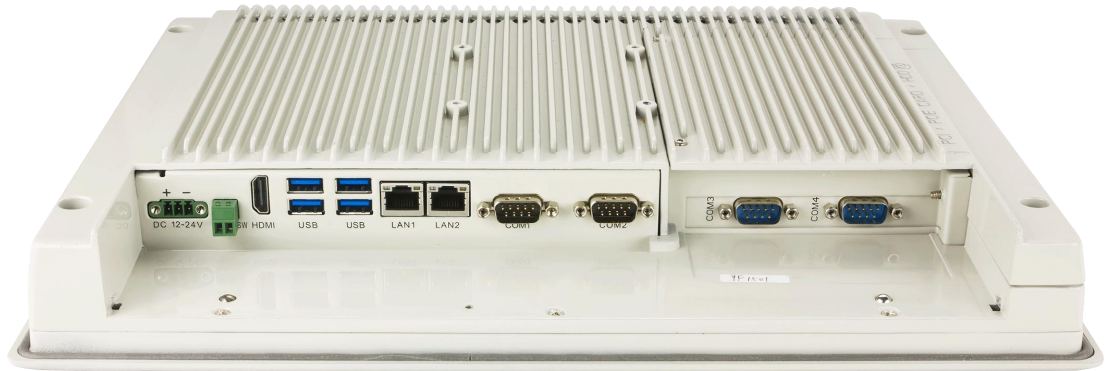


**JHTECH**  
Jingdeyuan Power Company  
Model: ALAD-R1020T  
ALAD-R1020T  
Input: DC 12V-20W  
DC 5V-20W  
CE FC  
978 ALAD-R1020T

PCI / PCI-E CARD / HDD













#### Overview:

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 inch SATA bay and 1\*M.2 for storage,1\*Mini PCIe socket (PClex1+USB signal) and optional PCI/PCleX1.DC9~36V wide powerinput, be fit for use in MES and machines HMI.

#### Feature :

- 1, Aluminum die-casting chassis , fanless design
2. 15 inch LED TFT LCD, Capacitive/Resistive touch
3. Intel Skylake-U Core I3/I5/I7 CPU
- 4.1\*DDR4 2133 SODIMM, Max 16GB
5. 1\*Mini PCIe, Optional 1\*PCI/PCleX1
6. 4\*COM, 2\*LAN, 4\*USB3.0, 1\*USB2.0
7. 2.5"HDD Bay, 1\*M.2
8. DC 9~36V Power input
- 9.ATX button& remote button

System	CPU	Intel Skylake Core I3-6100U 2.3 GHz,2C4T,TDP 15W(Optional I5-6200,I7-6500)Intel Skylake Celeron 3855U 1.6GHz,2C2T,TDP 15W
	Chipset	Intel SOC
	System Memory	1*DDR4 2133MHz SODIMM, Max 16GB
	BIOS	Insyde SPI 64Mbit Flash
	Storage	1*2.5"SATA HDD bay, support SATA3.0 6Gbps HDD/SSD,1*M.2(2242B-Key)
	Display	15"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*32bit PCI Or 1*PClex1
	Rear 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*USB 2.0 TypeA
	LAN	Intel I210AT chip,10/100/1000 Mbps
	Control SW/LED	Power button,2-pin connecter with power switch signal ,HDD LED
	Power Supply	DC to DC:9~36V input, consumption:TDP12V/2.95A(Intel I5-6200 CPU,4GB memory)
OS supply	Windows 7, Windows 8.1,Linux,Windows 10,Linux	
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,non-condensing
	Shock	10g peak acceleration (duration 11ms),in operating with HDD
	Vibration	1g5~500Hz,in operating with HDD
	Mounting	Panel mounting, VESA 100*100mm and 75*75mm
	Dimension	(W*H*D):380*315*56mm; mounting cut out (W*H):367.3*303.3mm
	Net Weight	4.3kg
	EMC	CE,FCC, Class A
LCD	Type	15"TFT LED
	Resolution	1024*768
	Color	16.2M colors
	Pixel Pitch(mm)	0.297*0.297(mm)
	Brightness(cd/m)	350
	Backlight lifetime	50000 hours

	Viewing Angle	80Degree(left),80Degree(right),70Degree(up) 70Degree(down)	
	Operating Temperature	-20~70°C	
Touch	Type	5 wire resistive screen	Projected capacitive screen
	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

### Ordering Info

Model No.	CPU	TOUCH	Description
ALAD-K1520T/T001-G	Intel Core I3-6100U	5 wire resistive touch	Industrial touch panel computer,15" TFT LCD,HDMI,4*COM(or 2*COM+1*PCI/PCleX1), 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-K1220T(P)/T004-G	Intel Celeron 3855U	Projected capacitive touch	
PA-60DC12	AC/DC power adapter,DC12V/5A 60W		



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