

# ALAD-K2120T(P)

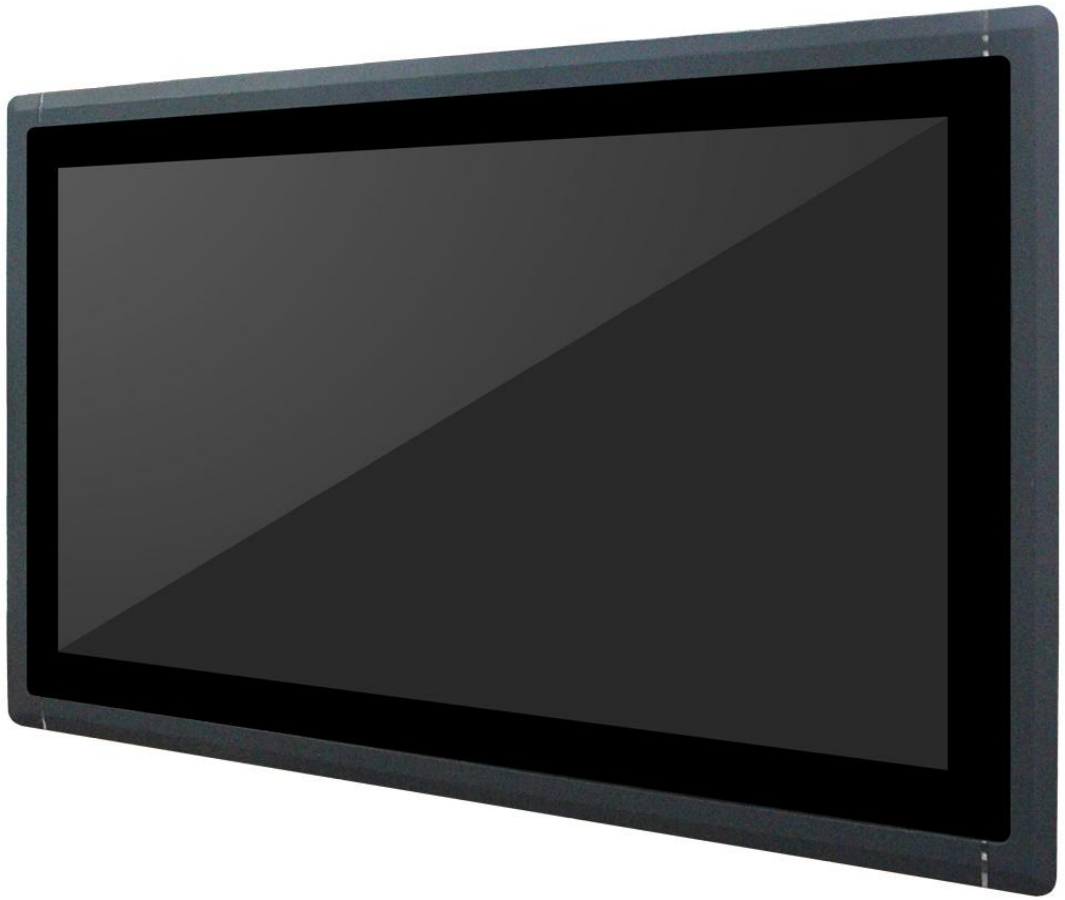
Industrial Panel Computer, 21.5" TFT LCD ,Capacitive Touch Intel Skylake-U CPU,2\*LAN,4\*USB 3.0

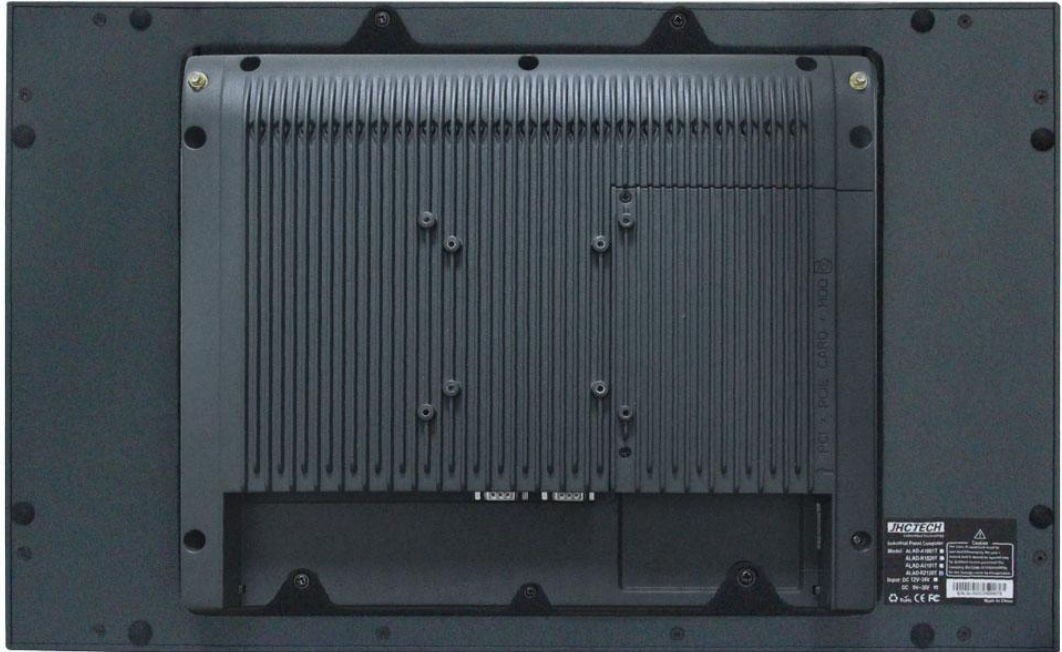
## Overview:

ALAD-K2120T (P) is an intelligent, fanless embedded panel, powered by Intel Skylake-U Celeron or Core I3/I5/I7 CPU. Supports 21.5inch 1920\*1080@60Hz TFT LCD, with 1\*2.5inch SATA HDD drive bay and 1\*M.2 for storage, DC 9~36V power input. It will be fit for application of MES systems and equipment management HMI terminal,

















Feature :

- 1, Aluminum die-casting chassis , fanless design
2. 21.5 inch LED TFT LCD, Capacitive touch
3. Intel Skylake-U Core I3/I5/I7 CPU
- 4.1\*DDR4 2133 SODIMM, Max 16GB
5. 1\*Mini PCIe, Optional 1\*PCI/PCIe X1
6. 4\*COM, 2\*LAN, 4\*USB3.0
7. 2.5"HDD Bay, 1\*M.2
8. DC 9~36V Power input
- 9.ATX button& remote button

Specifications:

System	CPU	Intel Skylake Core I3-6100U 2.3GHz,2C4T, TDP 15W(Optional I5-6200.I7-6500U) Intel Skylake Celeron 3855U 1.6GHz,2C2T,TDP 15W	
	Chipset	Intel SOC	



	System Memory	1*DDR4 2133MHz SODIMM, Max 16GB
	BIOS	Inside SPI 64Mbit Flash
	Storage	1*2.5" SATA HDD bay, support SATA3.0 6Gbps HDD/SSD,1*M.2(2242B-Key)
	Display	21.5" LED backlight TFT LCD and HDMI(4K resolution), dual display, Intel HD Graphics
	Touch	projected capacitive touch, USB control
	Expansion	1*Mini PCIe (PCIe & USB signal, optional :1*32 bit PCI or 1*PCIX1
	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 Type A
	LAN	Intel I210AT chip,10/100/1000 Mbps
	Control SW/LED	Power button,2-pin connector with power switch signal ,power LED and HDD LED
	Power Supply	DC to DC:9~36V input, consumption: TDP12V/4.12A(Intel I5-6200 CPU,4GB memory)
OS supply	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,non-condensing
	Shock	10g peak acceleration (duration 11ms),in operating with HDD
	Vibration	1g5~500Hz,in operating with HDD and 75*75mm
	Mounting	Panel mounting, VESA 100*100mm
	Dimension	(W*H*D):546.9*344*64.1mm; mounting cut out (W*H):537.5*335.3mm
	Net Weight	8.15kg
	EMC	CE,FCC, Class A
LCD	Type	21.5" TFT LED
	Resolution	1920*1080
	Color	16.7M colors
	Pixel Pitch(mm)	0.248*0.248(mm)
	Brightness(cd/m)	300
	Backlight lifetime	50000 hours
	Viewing Angle	89Degree(left),89Degree(right),89Degree(up) 89Degree(down)
	Operating Temperature	0~50°C

Touch	Type	Projected capacitive screen
	Resolution	gapless
	Light Transmittance	90%
	Interface	USB
	Consumption	+5V@300mA
	OS	Windows/Linux
	Click Lifetime	3 billion times

### Ordering Info

Model No.	CPU	TOUCH	Description
ALAD-K2120T(P)/T 001-G	Intel Core I3-6100U	Projected capacitive touch	Industrial panel computer, 21.5" TFT LCD, HDMI, 4*COM (or 2*COM+1*PCI/PClex1), 4*USB, 2*LAN, 1*MiniPCIe, 2*3W speaker, 1*2.5" SATA Bay, 1*M.2, DC 9~36 power input
ALAD-K2120T(P)/T 002-G	Intel Core I5-6200U	Projected capacitive touch	
ALAD-K2120T(P)/T 003-G	Intel Core I7-6500U	Projected capacitive touch	
ALAD-K1820T(P)/T 004-G	Intel Celeron 3855U	Projected capacitive touch	



**Allen Dai**

*Sales Director*

Sales Department, **Armortec Technology Limited**

**p:** +86 755 8935 8465 **m:** +86 15012669595

**a:** 4th Floor, Shenhai Building, Bulong Road, Minzhi Sub-district, Longhua District, Shenzhen, China

**w:** [www.armortec.net](http://www.armortec.net) **e:** [allen.y.dai@armortec.net](mailto:allen.y.dai@armortec.net)