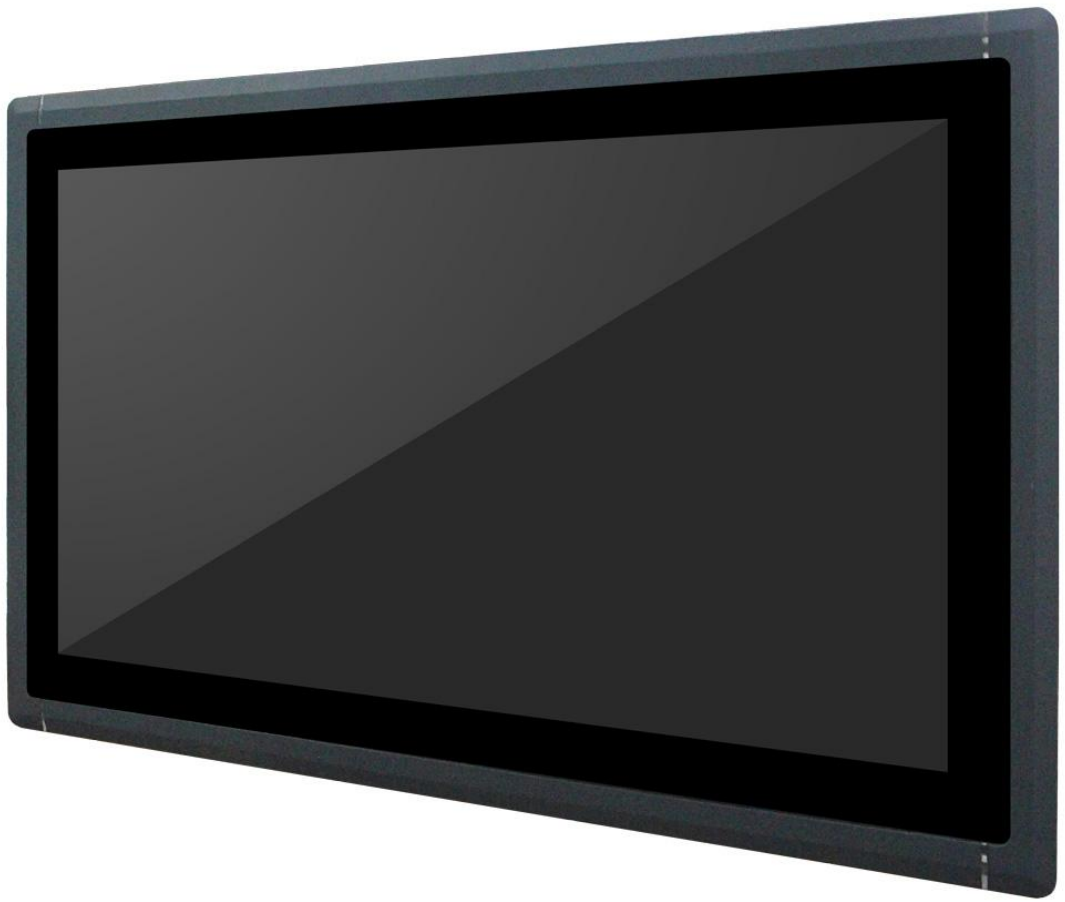


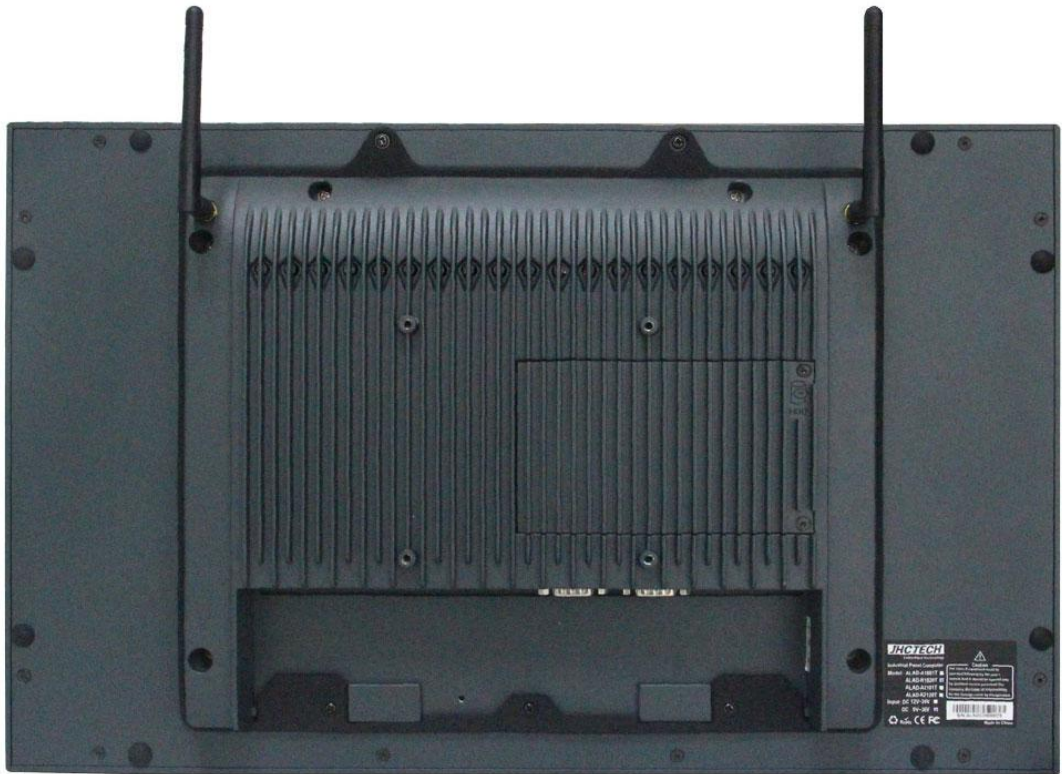
ALAD-K1820T(P)

Industrial Panel Computer, 18.5" TFT LCD ,Capacitive Touch Intel Skylake-U
CPU,2*LAN,4*USB 3.0









HITECH
Model: H1-28-0101
AL-01-0101
AL-01-0101
Input: DC 12V 2A
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CE FCC RoHS









Overview:

ALAD-K1820T (P) is an intelligent ,fanless embedded panel computer , powered by Intel Skylake-U Celeron or Core I3/I5/I7 CPU. Supports 18.5 inch 1366*768@60Hz TFT LCD, with 1*2.5 inch SATA HDD drive bay and 1*M.2 for storage. It will be fit for application of intelligent manufacturing MES systems and equipment management HMI terminal,

Feature :

- 1, Aluminum die-casting chassis , fanless design
2. 18.5 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(PCle+USB)
6. 2*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

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	Insyde SPI 64Mbit Flash
	Storage	1*2.5"SATA HDD bay, support SATA3.0 6Gbps HDD/SSD,1*M.2(2242B-Key)
	Display	18.5"LED backlight TFT LCD and HDMI(4K resolution), dual display, Intel HD Graphics 510/520
	Touch	projected capacitive control
	Expansion	1*Mini PCIe (PCIe&USB signal)
	Rear I/O	2*COM:2*RS232, 2*RS232/422/485,DB9 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 ,power LED and HDD LED
	Power Supply	DC to DC:9~36V input, consumption:TDP12V/3.72A(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
	Mounting	Panel mounting, VESA 100*100mm
	Dimension	(W*H*D):482.3*304.3*59.1mm; mounting cut out (W*H):473.5*295.5mm
	Net Weight	6.63kg
	EMC	CE,FCC, Class A
LCD	Type	18.5"TFT LED
	Resolution	1366*768
	Color	16.7M colors
	Pixel Pitch(mm)	0.300*0.300(mm)

	Brightness(cd/m)	300
	Backlight lifetime	50000 hours
	Viewing Angle	85Degree(left),85Degree(right),80Degree(up) 80Degree(down)
	Operating Temperature	0~60°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-K1820T(P)/T 001-G	Intel Core I3-6100U	Projected capacitive touch	Industrial panel computer,18.5" TFT LCD,HDMI,2*COM(2*RS232/422/485), 4*USB,2*LAN,1*MiniPCle,2*3W speaker,1*2.5" SATA Bay,1*M.2,DC 9~36 power input
ALAD-K1820T(P)/T 002-G	Intel Core I5-6200U	Projected capacitive touch	
ALAD-K1820T(P)/T 003-G	Intel Core I7-6500U	Projected capacitive touch	
ALAD-K1820T(P)/T 004-G	Intel Celeron 3855U	Projected capacitive touch	
PA-60DC12	AC/DC power adapter,DC12V/5A 60W		



Allen Dai

Sales Director

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