

## Industrial Panel Computer

# IVTK-PPC-K1520T-G

15.0" TFT LCD Capacitive/Resistive Touch, Intel® Skylake-U/Kabylake-U CPU, 2\*LAN, 4\*USB3.0, DC 9~36V, IP 65 Front panel.



IVTK-PPC-K1520T is a compact dimension embedded box computer, with PCB to PCB multiple structure and fanless design. It Powered by Intel® Apollolake Pentium/Celeron Soc CPU, DDR3L 1866MHZ SODIMM memory up to 8GB. 4 Gig. LAN, 2\*USB3.0, 5\*USB2.0(1 inside), HDMI and DP dual 4K display, 8-bit DIO, 1\*M.2 2242 B-key, 1\*mSATA and 1\*2.5" SATA bay. DC 9-36V wide power input, Operating temperature showing in LED, economic and reliable, it will be fit for lot terminal and manufacture application.

## Key Features

- Aluminum die-casting chassis, fanless design
- 15.0" LED TFT LCD, capacitive/resistive touch
- Intel® Skylake-U/Kabylake-U 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



## SPEC

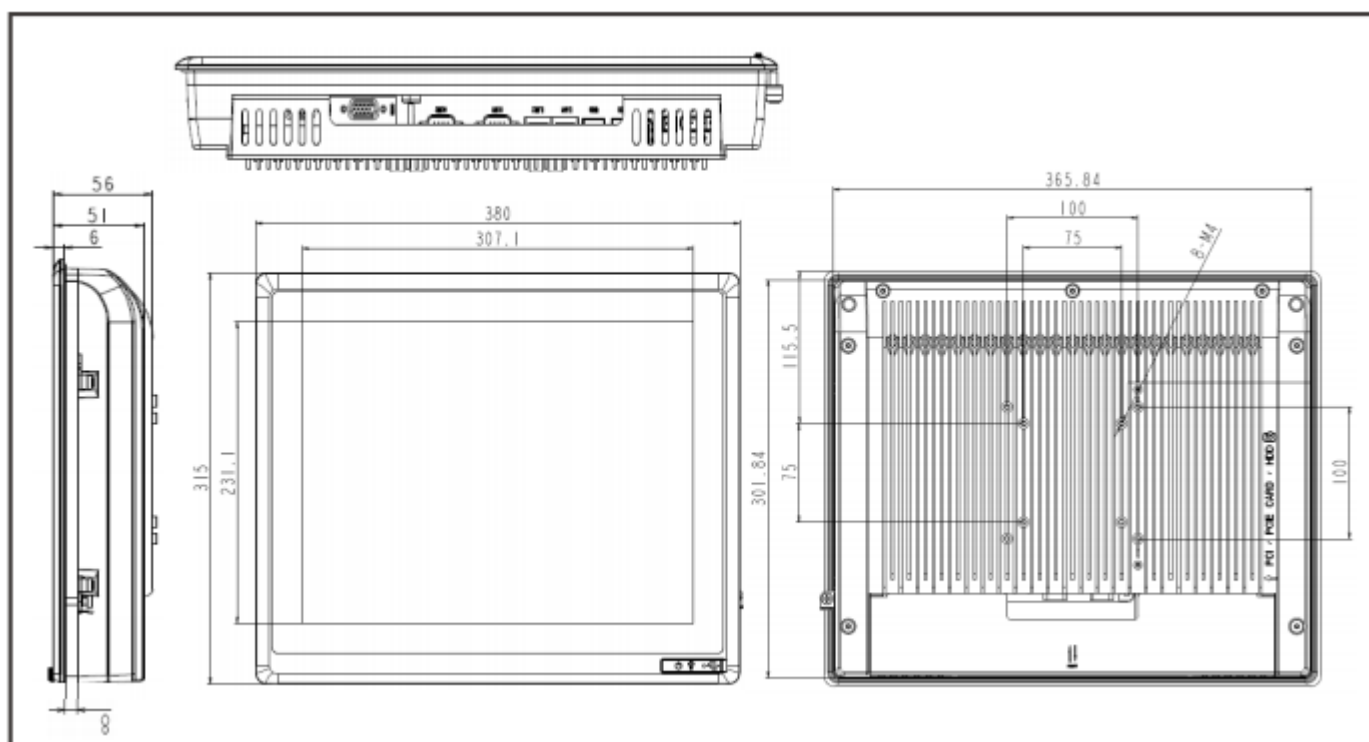
System	CPU	Gen. 6th Intel® Skylake-U Celeron 3855U; Core I3-6100U; I5-6200U; I7-6500U CPU Gen. 7th Intel® Kabylake-U Celeron 3865U; Core I3-7100U; I5-7200U; I7-7500U CPU
	Chipset	Intel® SOC
	System Memory	1*DDR4 2133 MHz SODIMM, Max 16GB
	BIOS	Insyde SPI 64Mbit flash
	Storage	1*2.5" SATA HDD bay, support 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
	Control SW/LED	Power button, 2-pin connector with power switch signal,HDD LED
	Power Supply	DC to DC: 9~36V input, consumption: TDP 12V/2.95A(Intel® I5-6200U CPU, 4GB memory)
	OS Supply	Windows 7, Windows 8.1,Windows 10, Linux
Mechanical & Environmental	Construction	Aluminum die-casting front bezel and chassis, fin-shaped radiator shell
	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, Rack mounting
	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
IVTK-PPC-K1520T/ T001-G	Intel® I3-6100U/I3-7100U	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.
IVTK-PPC-K1520T(P)/ T001-G	Intel® I3-6100U/I3-7100U	projected capacitive touch	
IVTK-PPC-K1520T/ T002-G	Intel® I5-6200U/I5-7200U	5 wire resistive touch	
IVTK-PPC-K1520T(P)/ T002-G	Intel® I5-6200U/I5-7200U	projected capacitive touch	
IVTK-PPC-K1520T/ T003-G	Intel® I7-6500U/I7-7500U	5 wire resistive touch	
IVTK-PPC-K1520T(P)/ T003-G	Intel® I7-6500U/I7-7500U	projected capacitive touch	
IVTK-PPC-K1520T/ T004-G	Intel® Celeron 3855U/3865U	5 wire resistive touch	
IVTK-PPC-K1520T(P)/ T004-G	Intel® Celeron 3855U/3865U	projected capacitive touch	
IVTK-PA-60DC12	AC/DC power adapter, DC12V/5A 60W		