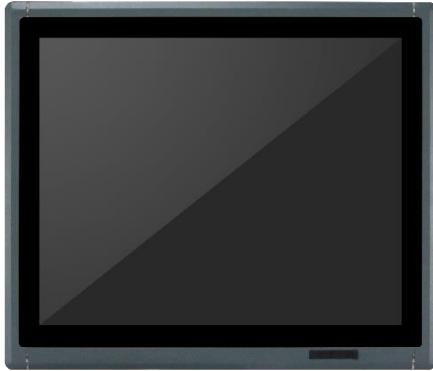


## Industrial Panel Computer

# IVTK-PPC-K1720T-G

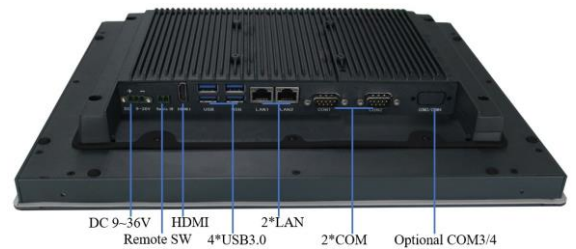
17.0" TFT LCD Capacitive/Resistive Touch, Intel® Skylake-U/Kabylake-U CPU, 2\*LAN, 4\*USB3.0, 1\*USB2.0, DC 9~36V, IP65 Front panel



IVTK-PPC-K1720T a compact, fanless embedded panel computer, powered by Intel® Baytrail-D family Celeron J1900 processor. Supports 10.1 inch 1280\*800@60Hz TFT LCD. It offers multiple I/O interface, 1\*2.5" easy-pluggable SATA bay and 1\*full size mSATA for storage, 1\*Mini PCIe socket (PCIe1 +USB signal) for expansion . It will be fit for application of automation and Warehouse management.

### Key Features

- Aluminum die-casting chassis, fanless design 17.0"
- LED TFT LCD, capacitive/resistive touch
- Intel® Skylake-U/Kabylake-U CPU
- 1\*DDR4 2133 SODIMM, Max 16GB
- 1\*Mini PCIe(PCIeX1 +USB)
- 2/4\*COM, 2\*LAN, 4\*USB3.0, 1\*USB2.0
- 1\*2.5" HDD Bay, 1\*M.2
- ATX button & Remote button
- DC 9~36V power input



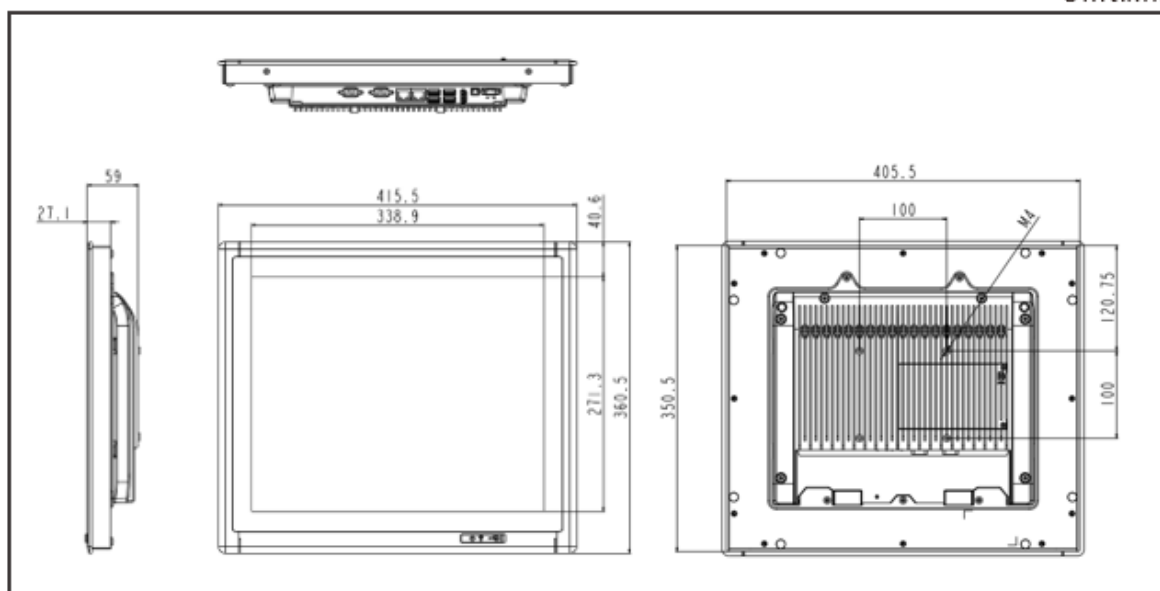
### SPEC

<b>System</b>	CPU	Gen. 6th Intel Skylake-U Celeron: 3855U; Core-U: I3-6100U ; I5-6200U; I7-6500U Gen. 7th Intel Kabylake-U Celeron: 3865U; Core-U: I3-7100U ; I5-7200U; I7-7500U
	Chipset	Intel® SOC
	System memory	1*DDR4 2133MHz SODIMM, Max16GB
	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	17.0" LED TFT LCD & HDMI, dual display, Intel® HD Graphics 510/520, HDMI supports 4K
	Touch	5 wire resistive touch, optional projected capacitive touch, USB control
	Expansion	1* Mini PCIe (PCIe & USB signal)
	Rear I/O	2*RS232/422/485, DB9, optional 2*RS232, DB9, 3-wire signal 4*USB3.0 Type A 1*HDMI 2*LAN, RJ45
	Front I/O	1*USB2.0, Type A
	LAN	2*Intel® I210AT chip,10/100/1000 Mbps
	Control SW/LED	1*Power button(Front), 1*2-pin connector with Power SW signal(Rear), power LED, HDD LED
	Power SW	DC to DC: 9~36V(3-Pin), Consumption: TBD
	OS Supply	Windows 7, Windows 8.1, Windows 10, Linux
<b>Mechanical &amp; Environmental</b>	Construction	Aluminum die-casting front bezel and chassis, fin-shaped radiator shell
	Operating Temperature	0~50°C -HDD( -10~55°C -SSD), with airflow
	Storage Temperature	-20~60°C
	Storage Humidity	10~95%@40°C, non-condensing
	Shock	10g peak accelerating(duration 1ms), in operating with HDD
	Vibration	1g 5~500Hz, in operating with HDD
	Mounting	Panel mounting, VESA 100*100mm, Rack mounting
	Dimension	(W*H*D):415.5*360.5*59mm; mounting cut out(W*H):407*352mm
Net Weight	6.1Kg	

	EMC	CE,FCC Class A	
<b>LCD</b>	Type	17.0" TFT LCD	
	Resolution	1280(H)*1024(V)	
	Color	16.19M	
	Pixel Pitch(mm)	0.264*0.264(mm)	
	Brightness(cd/m <sup>2</sup> )	600	
	Viewing Angle	80°(left), 80°(right), 70°(up), 80°(down)	
	Operating Temperature	-20~70°C	
	Backlight Lifetime	LCD	
<b>Touch</b>	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



Model No.	CPU	Touch	Description
IVTK-PPC-K1720T/Too1-G	Intel® Core I3-6100U/I3-7100U	5 wire resistive touch	Industrial touch panel computer, 17.0" TFT LCD, HDMI, Dual display, 2*RS232/422/485, Optional 2*RS232, 4*USB3.0, 1*USB2.0, 2*LAN, 1*Mini PCIe, 2*3W speaker, 1*2.5" SATA Bay, 1*M.2, DC 9~36V power input.
IVTK-PPC--K1720T(P)/Too1-G	Intel® Core I3-6100U/I3-7100U	Projected capacitive touch	
IVTK-PPC--K1720T/Too2-G	Intel® Core I5-6200U/I5-7200U	5 wire resistive touch	
IVTK-PPC--K1720T(P)/Too2-G	Intel® Core I5-6200U/I5-7200U	Projected capacitive touch	
IVTK-PPC--K1720T/Too3-G	Intel® Core I7-6500U/I7-7500U	5 wire resistive touch	
IVTK-PPC--K1720T(P)/Too3-G	Intel® Core I7-6500U/I7-7500U	Projected capacitive touch	
IVTK-PPC--K1720T/Too4-G	Intel® Celeron 3855U/3865U	5 wire resistive touch	
IVTK-PPC--K1720T(P)/Too4-G	Intel® Celeron 3855U/3865U	Projected capacitive touch	
IVTK-PA-60DC12	AC/DC Power adapter, DC 12V/5A 60W		

