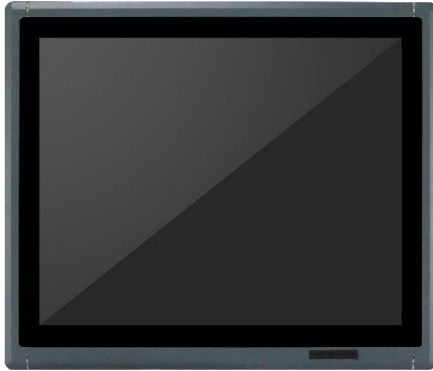


Industrial Panel Computer

IVTK-PPC-K1920T-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-K1920T-G is an intelligent, fanless embedded panel computer, It powered by Intel® Skylake-U/ Kabylake-U Celeron/Core I3/I5/I7 CPU. It supports 19 inches 1280*1024@60Hz TFT LCD. It offers multiple I/O interfaces, 1*2.5" SATA bay and 1*M.2 for storage, 1*Mini PCIe socket (PCIeX1 +USB signal), Optional PCI/PCIe expansion. DC 9~36V wide power input. It can be fit for application of MES and machines HMI terminal.

Key Features

- Aluminum die-casting chassis, fanless design 19.0" LED TFT LCD,
- Capacitive/resistive touch Intel® Skylake-U/Kabylake-U CPU
- 1*DDR4 2133 SODIMM, Max 16GB
- 1*Mini PCIe(PCIeX1+USB), Optional 1*PCI/PCIeX1
- 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



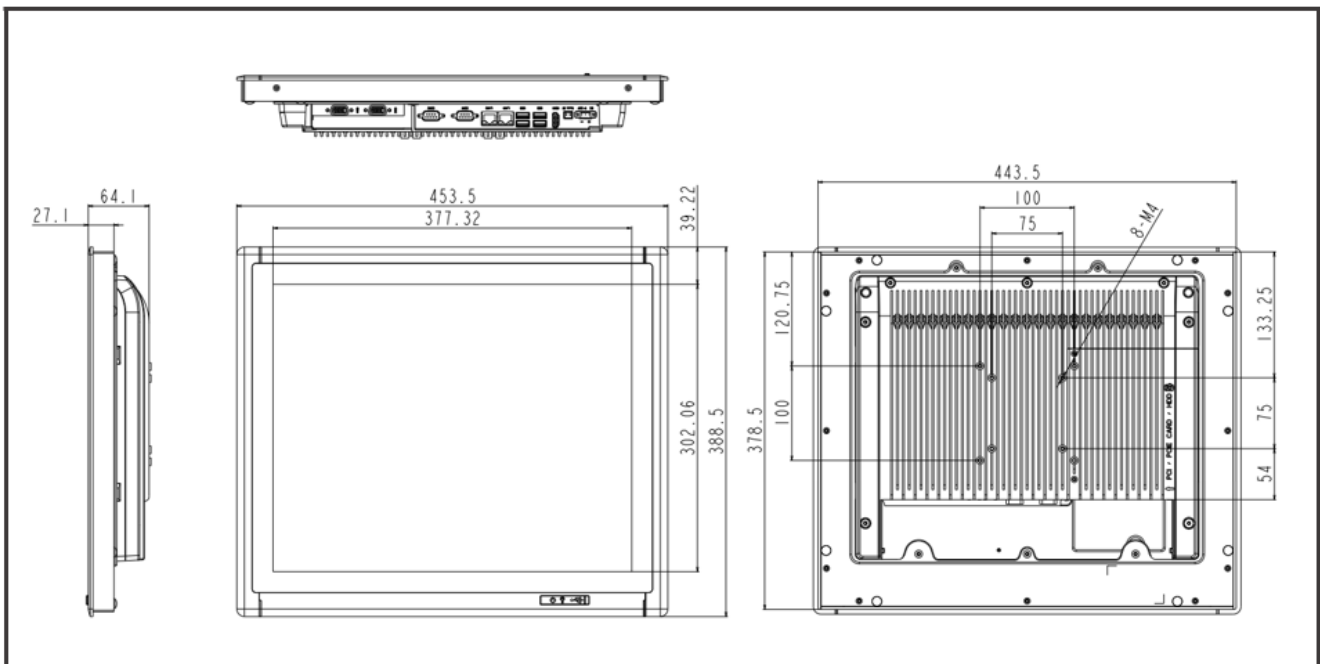
SPEC

System	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	19.0" 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), Optional 1*32-bit PCI or PCIeX1
	Rear I/O	2*RS232/422/485, 2*RS232, DB9(When using PCI/PCIe expansion, there are only 2*COM) 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	
Mechanical & Environmental	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 and 75*75mm, Rack mounting
	Dimension	(W*H*D):453.5*388.5*64.1mm; mounting cut out(W*H):445*380mm
	Net Weight	6.6Kg
	EMC	CE,FCC Class A

LCD	Type	19.0" TFT LCD	
	Resolution	1280(H)*1024(V)	
	Color	16.7M	
	Pixel Pitch(mm)	0.294*0.294(mm)	
	Brightness(cd/m ²)	470	
	Viewing Angle	85°(left), 85°(right), 85°(up), 85°(down)	
	Operating Temperature	-15~65°C	
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 @300mA	+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-K1920T/To01-G	Intel® Core I3-6100U/I3-7100U	5 wire resistive touch	Industrial touch panel computer, 19.0" TFT LCD, HDMI, Dual display, 4*COM(or 2*COM+1*PCI/PCIeX1), 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-K1920T(P)/To01-G	Intel® Core I3-6100U/I3-7100U	Projected capacitive touch	
IVTK-PPC-K1920T/To02-G	Intel® Core I5-6200U/I5-7200U	5 wire resistive touch	
IVTK-PPC -K1920T(P)/To02-G	Intel® Core I5-6200U/I5-7200U	Projected capacitive touch	
IVTK-PPC-K1920T/To03-G	Intel® Core I7-6500U/I7-7500U	5 wire resistive touch	
IVTK-PPC-K1920T(P)/To03-G	Intel® Core I7-6500U/I7-7500U	Projected capacitive touch	
IVTK-PPC-K1920T/To04-G	Intel® Celeron 3855U/3865U	5 wire resistive touch	
IVTK-PPC-K1920T(P)/To04-G	Intel® Celeron 3855U/3865U	Projected capacitive touch	
IVTK-PA-60DC12	AC/DC Power adapter, DC 12V/5A 60W		

*All specifications and photos are subject to change without notice.
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