

## KT-HPC1211X

### 12.1"inch Fanless Panel PC with Intel® 10<sup>th</sup> Comet Lake® Core-i Series



#### Main Feature:

- 10th Generation Intel® Comet Lake®-U Core i3/i5/i7 Processor
- IP65 of front panel,durable true-flat 5-wire resistive touch
- Compact Fanless solid aluminum alloy design,5mm bezel
- Industrial-grade 12.1" TFT LCD,support dual display
- Support SO-DIMM,M-SATA,M.2 Sata and M.2 NVME
- Standard dual LAN ports,partial support Intel encrypt TPM2.0,8×GPIO
- Support 1×Mini-PCIE(for WiFi), 1\*SIM, 3G, 4G, and 5G modules
- 12~24V Wide Voltage input,Sealed dustproof & Robustness design
- Applied for industrial automation, environment monitoring,wind power generation,3D machine vision etc

### Specifications

Model No.:	KT-HPC1211X	
System	CPU	10th Generation Intel® Core™ Comet Lake-U i3/i5/i7 processor
	GPU	Intel® HD Graphic Card
	Memory	DDR4L 2400MHz Max 16G
	Cooling method / System Fan	Fanless
	Storage	M.2 2280 NVME 128G
	Up I/O	1 x Power On/Off 2 x Antenna 4 x COM
	Down I/O	1 x Audio 1 x DP 1 x HDMI 4 x USB3.2 2 x LAN 1 x DC IN 4x USB 1 x M3 Ground screw hole 1 x CMOS Button

		Support 8 x GPIO
	Ethernet	Intel I219 + I211 Gigabit network card
	Function	2 x4Ω 3W loudspeaker,Support WIFI,BT,4G,Watchdog,diskless booting,wake on LAN,self-booting with power
	Watchdog Timer	0-255 seconds/Grading through system software
<b>LCD</b>	Display Type	12.1" TFT LCD (LED backlight),4:3 square screen
	Resolution	1024 x 768
	Luminance	300 cd/m <sup>2</sup>
	Contrast Ratio	800:1
	LCD Color	16.7M
	Backlight MTBF	30,000 hr (min.)
<b>Touchscreen</b>	Touch Type	5-wire resistive touch
	Light Transmission	80±5% at 350 nm wavelength
	Controller	Resistive touch screen
	Durability (Touches)	Greater than 35 million touches in one location without failure
<b>Power Consumption</b>	Input Voltage	12V ~ 24V DC
	Power Consumption	18W
<b>Operating Sytem</b>	OS Support	Microsoft® Windows 7,Windows 10, Linux
<b>Physical Characteristics</b>	Construction	Aluminum alloy fanless design
	Color	Grey color
	Mounting	Embedded,Wall mount,VESA75,VESA100,Desktop
	IP Rating	Front panel IP65
	Dimension (LxWxH)	292x230x60mm
	Weight	3.0KG
<b>Environment</b>	Operating Temperature	-10 ~ 60°C
	Storage Temperature	-20 ~ 70 °C
	Relative Humidity	10 ~ 95% @ 40 °C (non-condensing)
	Shock	Operating 10 G peak acceleration (11 ms duration), follow IEC 60068-2-27
	Vibration	Operating Random Vibration Test 5 ~ 500Hz, 2Grms @with SSD, follow IEC 60068-2-64
	EMC	Comply with GB/T 9254-2008,GB/T 17618-2015

## I/O View and Dimensions

