



# KT-HPC1011

- Support Intel® Bay Trail, Gemini lake, Elkhart Lake 6<sup>th</sup> generation Sky Lake & 7<sup>th</sup> Kaby Lake, 8<sup>th</sup> Whiskeylake & 10<sup>th</sup> Cometlake-U Processor
- Support SO-DIMM, M-SATA, M.2 Sata, M.2 NVME storage
- Industrial-grade 10.4" TFT LCD, resistive touch screen, support dual display
- Standard dual LAN ports, partial support Intel encrypt TPM2.0, 8\*GPIO
- Support 1\*Mini-PCIE (for WIFI), 1\*SIM, 3G, 4G, 5G module
- Support VESA, embedded, wall mount, desktop installation
- 12~24V Wide Voltage input, Sealed dustproof & Robustness design
- Applied for industrial automation, environment monitoring, wind power generation, 3D machine vision etc



## Specification

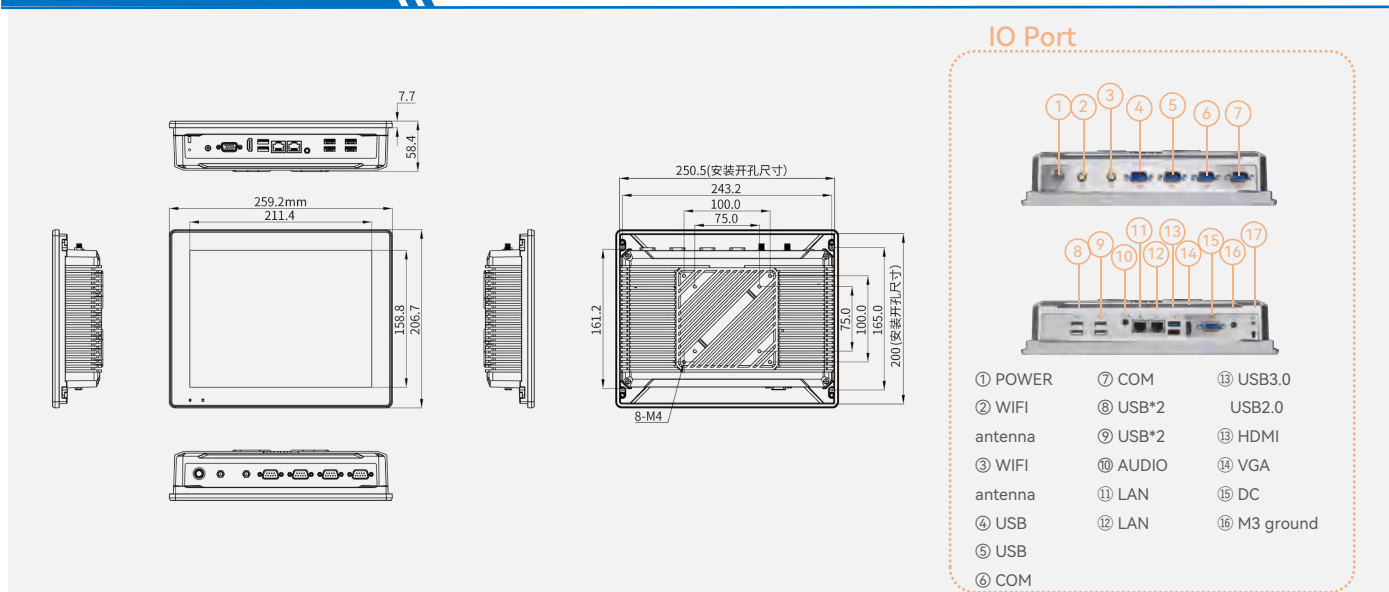
Model.No	KT-HPC1011	Indicator Light	Power and Hard disk reserved	Dimension	259x207x58mm
Display	10.4" inch	Loudspeaker	2*4Ω 3W	Weight	< 2.8kg
Touch	Resistive touch	Heat dissipation	Fanless	Color	Grey
Resolution	1024*768	Power Consumption	< 17W (screen 3.2W)	Material	Aluminum alloy die-casting
Brightness	300cd/m <sup>2</sup>	Installation	Embedded, wall-mount, desktop		

	Baytrail	Gemini Lake	Elkhart Lake	Sky Lake (6-7 <sup>th</sup> )	Whiskey Lake (8-10 <sup>th</sup> )
Processor	Baytrail	Gemini Lake	Elkhart Lake	Sky Lake (6-7 <sup>th</sup> )	Whiskey Lake (8-10 <sup>th</sup> )
BIOS	AMI BIOS	AMI BIOS	AMI BIOS	AMI BIOS	AMI BIOS
Chipset	Intel® SOC	Intel® SOC	Intel® SOC	Intel® SOC	Intel® SOC
Graphics	Intel® HD Graphics	Intel® HD Graphics	Intel® Graphics	Intel® HD Graphics	Intel® HD Graphics
Network	2*Intel 82583V	2*RTL8111H/8111G	2*Intel I226-V gigabit	2*Intel I211 gigabit	Intel I219+ I211 gigabit
Audio	Realtek ALC662HD	Realtek ALC662HD	Realtek ALC269HD	Realtek ALC662HD	Realtek ALC662HD
RAM	DDR3L 1333MHz Max 8G	DDR4 2400MHz Max 16G	DDR4 3200MHz Max 16G	DDR4 2133 MHz Max 16G	DDR4 2400MHz Max 16G
ROM	M-SATA 128G	M.2 2280 Sata 128GB	M.2 2280 NVME 128GB	M-SATA 128G	M.2 2280 NVME 128GB
Function	Support WiFi, BT, 4G, watchdog, diskless booting, wake on LAN, self-booting with power	Support WiFi, BT, 4G, watchdog, diskless booting, wake on LAN, self-booting with power	Support WiFi, BT, 4G, watchdog, diskless booting, wake on LAN, self-booting with power	Support WiFi, BT, 4G, watchdog, diskless booting, wake on LAN, self-booting with power	Support WiFi, BT, 4G, watchdog, diskless booting, wake on LAN, self-booting with power
Front I/O	1*Power on/off 2*Antenna 4*COM	1*Power on/off 2*Antenna 4*COM	1*Power on/off 2*Antenna 4*COM	1*Power on/off 2*Antenna 4*COM	1*Power on/off 2*Antenna 4*COM
Rear I/O	1*Audio 2*LAN 1*USB2.0 1*USB3.0 1*HDMI 1*VGA 1*DC IN 4*USB 1*M3 ground screw hole	1*Audio 1*DP 1*HDMI 4*USB3.2 2*LAN 1*DC IN 4*USB 1*M3 ground screw hole 1*CMOS button Support 8*GPIO	1*Audio 1*DP 1*HDMI 1*USB2.0 3*USB3.1 2*LAN 1*DC IN 4*USB 1*M3 ground screw hole 1*CMOS button Support 8*GPIO	1*Audio 2*LAN 2*USB3.0 1*HDMI 1*VGA 1*DC IN 4*USB 1*M3 ground screw hole	1*Audio 1*DP 1*HDMI 4*USB3.2 2*LAN 1*DC IN 4*USB 1*M3 ground screw hole 1*CMOS button Support 8*GPIO
Power	DC 12V~24V wide voltage Input	DC12V -24V wide voltage Input	DC 12V~24V wide voltage Input	DC12V -24V wide voltage Input	DC12V -24V wide voltage Input
OS	Windows 7 / Windows 10 / Linux				
Certificate	CE				

## Environment

	National Standard	Parameters
EMC	GB/T 9254.1-2021 Radio disturbance limits and methods of measurement for information technology equipment	Radiation disturbance (B) grade Conduction disturbance (B) grade
	GB/T 17618-2015 Immunity limits and measurement methods for information technology equipment	Meet the requirements of 6KV contact discharge and 12KV air discharge
Safety Standard	GB 4943.1-2011 Information technology equipment security - Part 1: General requirements	Ground Resistance: $\leq 0.1\Omega$ Electrical strength: limited leakage current 10mA, for class I equipment, the primary circuit on the housing withstand voltage $\geq 1.5KV$ AC or 2.2KV DC; For Class II equipment, the primary circuit withstand voltage of the housing $\geq 3.0KV$ AC or 4.3KV DC Insulation Resistance: $\geq 100M\Omega$ Drain current: current to the floor drain $\leq 3.5mA$
Environment	GB/T 9813.4-2017 General specification for computers - Part 4: Microcomputers for industrial applications GB/T 2423 Environment Test	Operating Temperature: $-10^{\circ}C \sim 60^{\circ}C$ Storage Temperature: $-20^{\circ}C \sim 70^{\circ}C$ Humidity: $40^{\circ}C$ 95%RH Panel protection class: IP65 Fall in packaging: the machine is packed at a height of 1 meter, 8 edges and 6 sides fall once each Vibration: $5 \sim 5.5Hz$ , displacement 25.4mm; $5.5 \sim 200Hz$ / acceleration 1.0g, working direction; The duration of the test is 1 cycle Impact: half sine pulse, peak acceleration 10g, pulse width 11ms, 3 times of impact in the working direction Noise: (0) dB

## I/O Ports & Dimension



## Order Information

Product Model NO.	Description	Remarks
KT-HPC1011	10.4"inch /Resistive Touch/J1900/DDR3L 1333MHz 4GB/M-SATA 128GB	
KT-HPC1011G	10.4"inch/Resistive Touch/J4125 /DDR4 2133/2400MHz 4GB/M.2 2280 Sata 128GB	
KT-HPC1011E	10.4"inch/Resistive Touch/J6412/DDR4 3200MHz 4GB/M.2 2280 NVME128GB	
KT-HPC1011S	10.4"inch/Resistive Touch/6200U/DDR4 2133MHz 8GB/M-SATA 128G	
KT-HPC1011W	10.4"inch/Resistive Touch/8265U/DDR4 2666MHz 8GB/M.2 2280 NVME 128GB	