

# iTPC-H1012

V1.2

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## Ultra-Compact Panel PC



10.1" TFT Compact Panel PC

Intel® Celeron<sup>E></sup> J3455, option Celeron<sup>E></sup> J1900k Q+7200U CPU

Fanless design

Support VESA mounting and Panel mounting

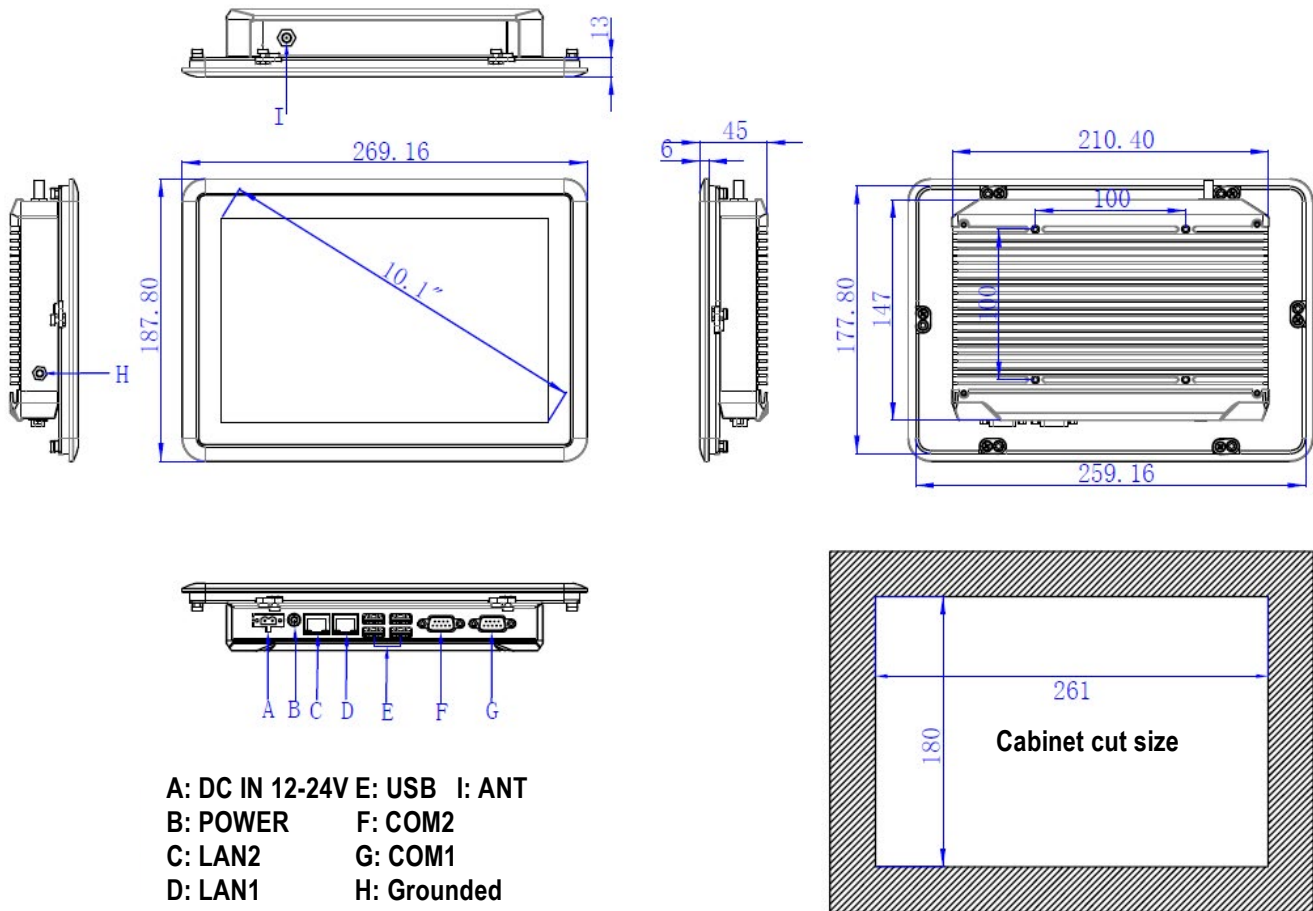


## Specifications :

<b>Processor</b>	CPU	Intel® Celeron J3455 / Celeron J1900 / i5-7200U
	Main Frequency	Quad Core 2.3GHz / Quad Core 2GHz / Dual Core 2.5 GHz
	L2 Cache	2MB/2MB/3MB
	Chipset	Apollo Lake/Intel Bay Trail/Integrated PCH-LP
	RAM	Support DDR3L-1333 MHz, 1* 204-pin SODIMM, Up to 8GB
	Storage	1*mSATA
<b>Ethernet</b>	LAN1	Intel i211 or i225 Gbe LAN controller, RJ-45
	LAN2	Intel i211 or i225 Gbe LAN controller, RJ-45
<b>I/O</b>	Audio	/
	Serial port	2 X RS-232(RS-485 in option) Interface with surge protection
	USB	1* USB3.0, 3x USB2.0
	Rear I/O	2* GLAN/ 4*USB/ 2*COM/ DC IN
	Mini PCIe	1 * MINI- PCIe slot, extended to 3G and wifi card
<b>OS</b>	OS	Windows 7, Windows8, Windows10, Linux
<b>Power</b>	DC Input	12-24V DC
	Max. power consumption	38.6 Watt
<b>LCD</b>	LCD Type	10.1" TFT
	Resolution	1280 x 800
	Colors	16.7MB
	Active Area	216.96 x 135.6 mm
	Backlight	LED
	MTBF (hour)	15000hrs
	Pixel Pitch (H x V)	0.1695 x0.1695
	Luminance	350cd/m2
	Contrast Ratio	800:1
	Viewing Angle	(L)85/(R)85/(T)85/(B)85
<b>Touchscreen</b>	Screen type	Multi- points Capacitive touch screen
	Transmittance	> 87%
	Controller	USB interface
	Driver support	Windows 7, Windows8, Windows10, Linux
	Surface Hardness	Mohs Hardness 7H
	Multi-touch	10 points under Windows system
<b>Physical</b>	Size	269.16mm x 187.8mm x 45mm (W x H x D)
	Cabinet cut Size	261mm x 180mm (W x H)
	Net Weight	1.92kg
<b>Environmental</b>	Operating Temperature	-10 ~ 50° C (14° F ~122° F) Use a wide temperature grade SSD
	Storage Temperature	-20~ 70C(-4~158°F)
	Relative Humidity	10-95% RH@40C,non-condensing
	Vibration	Operating Random Vibration Test 5~500Hz, 1.5Grms@with SsD, follow IEC 60068-2-64
	Shock	Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27
	EMC	CE/FCC Class A
Front Panel Protection	IP65 Compliant	

Dimension:

Unit: mm



**Ordering Information:**

Model	Specification
iTPC-H1012-J3455	10.1"LCD/Intel J)*++ (.3GHz Quad core 5AF / 2*RS232 (option CD*.+)/ ( *LAN /1*USB3.0/ 3*USB2.0/ Capacitive Touch/ Resolution 1280*800/DC12V-24V input
iTPC-H1012-J1900	10.1"LCD/Intel J1900 2.0GHz Quad core 5AF / 2*RS232 (option CD*.+)/ ( *LAN /1*USB3.0/ 3*USB2.0/ Capacitive Touch/ Resolution 1280*800/DC12V-24V input
iTPC-H1012-SL7200U	10.1"LCD/Intel I5-7200U 2.5GHz Dual core 5AF / 2*RS232 (option CD*.+)/ ( *LAN /1*USB3.0/ 3*USB2.0/ Capacitive Touch/ Resolution 1280*800/DC12V-24V input

**Optional items:**

Part No.	Specification
Memory	DDR3 2G/4G/8G
Storage	Mini SATA SSD64G/128G/256G/512G...
Adapter	Input: 100~240V~50/60Hz 1.7A Output:+12.0Vf 5A,60Watt
5040200001	WIFI (7260 series) with antenna