



# **TPC6000-C123-LH** V1.2

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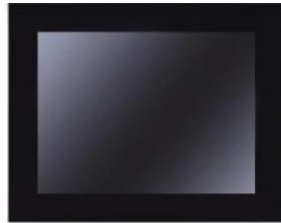
## **Industrial Panel PC**

12.1 " SVGA Fanless Industrial Panel PC

Support Intel® Celeron J1900

Support Intel® Core™ i3-8145U / i5-7200U





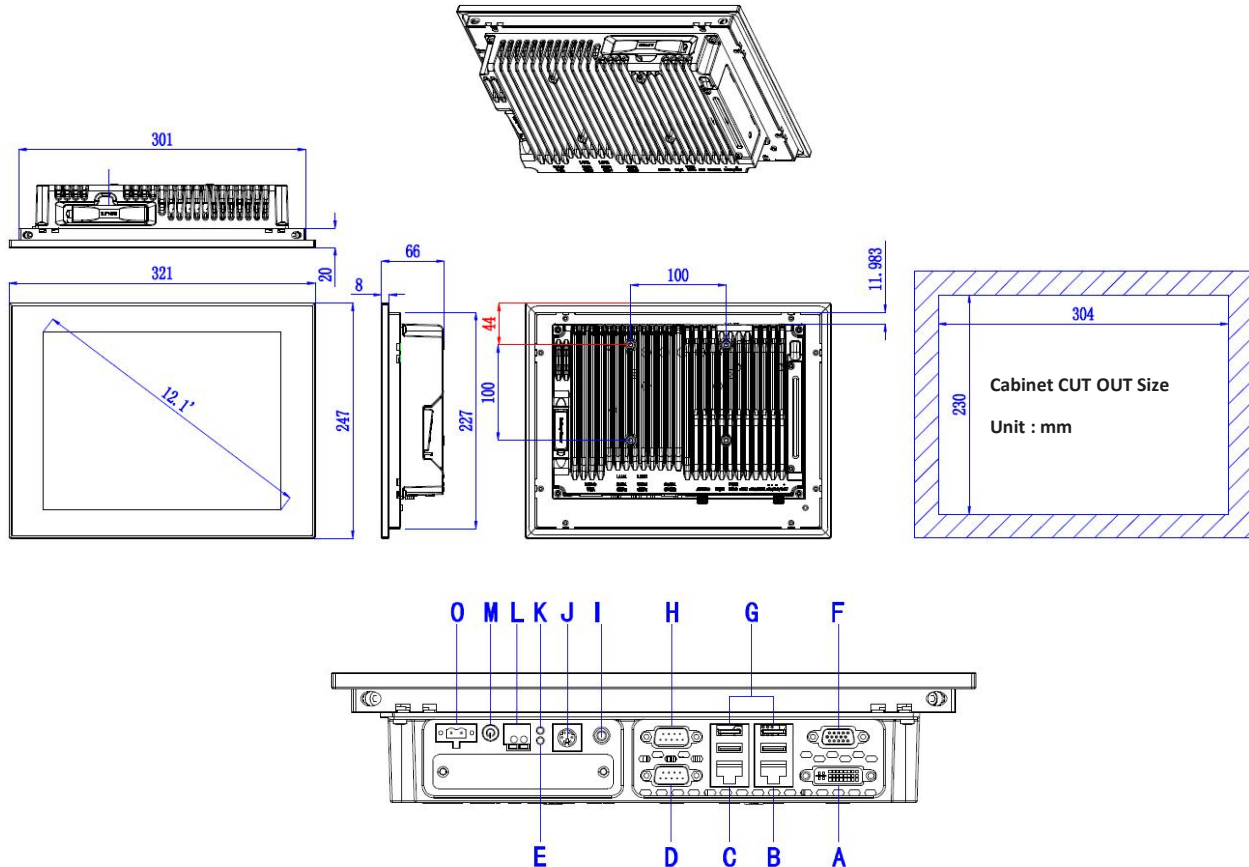
## Specifications :



Processor	CPU	Intel® Celeron J1900 / Intel® Core™ i3-8145U / i5-7200U
	Base Frequency	Quad Core 2GHz / Dual Core 2.1 GHz / Dual Core 2.5GHz
	L3 Cache	2MB /4MB / 3MB
	Chipset	Integrated PCH-LP
	Memory	J1900 and i5-7200 option: 1*DDR3L-1600, max 8GB I3-8145U option: 1*DDR4 2400MHz, max 16GB
	Storage Medium	1 x 2.5" SATA bay + 1 x mSATA
I/O	LAN	2 x Intel 1000Mbps RJ-45 with surge protection, lightning protection design and 15KV ESD protection
	Audio	Optional
	USB	4 x USB3.0/2.0/1.1
	COM	2 x RS-232 / RS-485 with surge protection, RS485 support automatic flow control
	Expansion slot	1 x Mini-PCIe slot, extensible 3G, WIFI wireless card 1 x EasyBUS slot ( option 2x RS232/485/DIO/2x USB/2x LAN)
	Rear I/O	DVI-I / 2 x GLAN / 4 x USB / 2 x COM / 2 x PS2 / Line-out / Mic-in
Physical	Dimensions (W x H x D)	321mm x 247mm x 66mm (12.64" x 9.72" x 2.60")
	Cut Out Size (W x H)	304mm x 230mm (11.97" x 9.06")
	NW	3.54kg (7.80 lb)
OS	OS	Windows 7, Windows 7 Embedded, Windows8, Windows10, Ubuntu, VXWORKS, QNX
Power	Input voltage	12-24VDC ±10% , support reverse polarity protection, overvoltage protection, overcurrent protection
	Maximum Power Dissipation	37W
LCD	LCD Size	12.1" XGA TFT
	Resolution	1024 x768
	Colors	16.7MB
	Active Area (W×H)	304.13mm×228.10mm (11.97" x8.98")
	Backlight	LED
	MTBF	30000hrs
	Pixel Pitch	0.24 x0.24
	Luminance	350cd/m2
	Contrast Ratio	800:1
	Viewing Angle	(L) 80/(R)80/ (T) 80/(B)80
Touchscreen	Type	Multi-point capacitive touch screen
	Transmittance	> 87%
	Controller interface	USB
	Driver Support	Windows XP, Windows 7, Windows 8, Windows 10, Linux
	Multi-touch	10 points (windows system)
	Surface Hardness	Mohs' 7H
Environmental	Work Temperature	-20~60°C (-4~140°F)
	Storage Temperature	-30~80°C (-22~176°F)
	Relative humidity	5~95%@40°C(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 B
	Front Panel Protection	IP65 compliant

## Dimensions:

Unit: mm



A:DVI-D	B:LAN1	C:LAN2	D:COM1
E:Power LED	F: VGA	G:USB	H:COM2
I:Line OUT	J: PS2	K:HDD LED	L:SW
M:Power Switch	O: DC IN 12-24V		

## Ordering Information:

Product Code	Description
TPC6000-C123-LH-J1900	12.1"LCD/Intel Celeron J1900 Quad Core 2GHz CPU/ No Memory / No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V input
TPC6000-C123-LH- WL8145U	12.1"LCD/Intel i3-8145U Dual Core 2.1 GHz CPU/ No Memory / No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V input
TPC6000-C123-LH-SL7200U	12.1"LCD/Intel i5-7200U Dual Core 2.5GHz CPU/ No Memory / No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB3.0/ 1024*768/DC12V-24V input

## Optional Items :

Adapter	Input: 100~240V~50/60Hz 1.7A Output: +12.0V—5A,60Watt
Memory	DDR3 2G/4G/8G, max to 8G
Storage	Mini SATA SSD: 32G/64G/128G/256G/512G... 2.5" SSD: 32G/64G/128G/256G/512G... 2.5" HDD: 500G/1T...
Wifi	7260 Series
3G/4G module	EC20, EC25, EG25...