



# TPC6000-C123-T

Industrial Panel PC



12.1" SVGA Fanless Industrial Panel PC  
Intel® Core™ i5-6200U/Celeron™ 3855U  
Intel® Core™ i7-5500U/i5-5300U



## TPC6000-CI23-T

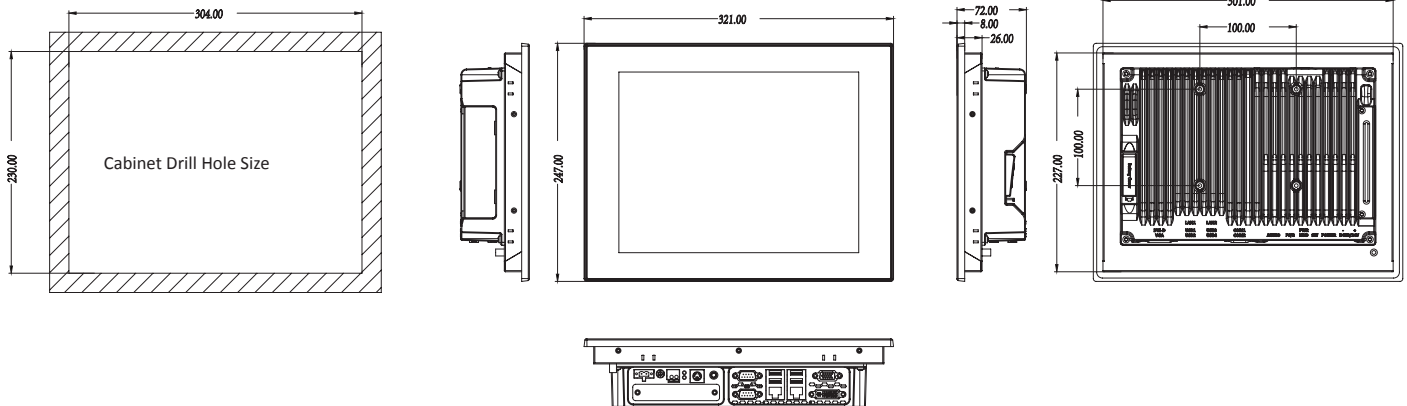


## Specifications:

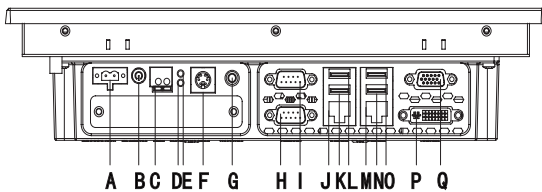
Processor	CPU	Intel® Core™i5-6200U/Celeron™ 3855U Intel® Core™ i7-5500U/i5-5300U
	Base Frequency	Dual Core 2.3GHz / 1.6 GHz / Dual Core 2.4GHz / Dual Core 2.3GHz
	L3 Cache	3MB / 2MB / 4MB / 3M
	Chipset	Integrated PCH-LP
	Memory	1 x 204-pin DDR3L-1600MHz SODIMM, support up to 16GB
	Storage Medium	1 x 2.5" SATA bay + 1 x mSATA
I/O	LAN	2 x Intel i210 1000Mbps RJ-45 with surge protection, lightning protection design and 15KV ESD protection
	Audio	Realtek ACL662 Audio controller
	USB	4 x USB3.0/2.0/1.1
	COM	2 x RS-232 / RS-485 with surge protection, RS485 support automatic flow control
	Texpansion slot	1 x Mini-PCIe slot, extensible 3G,WIFI wireless card, 1 x EasyBUS slot
	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 72mm (12.64" x 9.72" x 2.83")
	Drill Hole Size (W x H)	304mm x 230mm (11.97" x 9.06")
	NW	—
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	
LCD	LCD Size	12.1" SVGA TFT
	Resolution	800 x 600/1024 x 768
	Colors	16.7MB
	Active Area (W x H)	246mm x 184.5mm (9.68" x 7.26")
	Backlight	LED
	MTBF	50000hrs
	Pixel Pitch(H x V)	0.3075 x 0.3075
	Luminance	450cd/m2
	Contrast Ratio	800:1
	Viewing Angle	(L) 80 / (R) 80 / (T) 60 / (B) 80
Touchscreen	Type	Multi-point capacitive touch screen
	Transmittance	> 75%
	Controller interface	USB
	Driver Support	Windows7, Windws 8, Windows 10, Linux
	Multi-touch	10 points (windows system)
	Surface Hardness	Mohs' Number 7
Environmental	Work Temperature	-20 ~ 60°C (-4~140°F) (Wide temperature SSD) 0 ~ 45°C (32~113°F) (General temperature HDD/SSD)
	Storage Temperature	-30 ~ 80°C (-22 ~ 176°F)
	Relative humidity	5~95% (Non condensation)
	Shake	SSD applied: 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
	Shock	SSD applied: 10 G, IEC 60068-2-64, Half-sine wave, 11ms duration
	EMC	CE/FCC Class A
	Water-proof	Front panel IP65

## Dimensions:

Unit : mm



## I/O:



### Interface Definition:

- A: DC IN (12/24V)
- B: Power Switch
- C: Remote Switch
- D: Power LED
- E: HDD LED
- F: PS/2
- G: Audio
- H: COM1
- I: COM2
- J: LAN2
- K: USB3
- L: USB4
- M: LAN1
- N: USB1
- O: USB2
- P: DVI
- Q: VGA

## Ordering Information:

Product Code	Description
TPC6000-C123-T-SL1503	12.1"LCD/6th Generation Intel® Celeron™ 3855U 1.6GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/800*600/DC12V-24V input/Two-year warranty
TPC6000-C123-TL-SL1503	12.1"LCD/6th Generation Intel® Celeron™ 3855U 1.6GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/1024*768/DC12V-24V input/Two-year warranty
TPC6000-C123-T-SL6200U	12.1"LCD/6th Generation Intel® Core™ i5-6200U 2.8GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/800*600/DC12V-24V input/Two-year warranty
TPC6000-C123-TL-SL6200U	12.1"LCD/6th Generation Intel® Core™ i5-6200U 2.8GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/1024*768/DC12V-24V input/Two-year warranty
TPC6000-C123-T-BW5500U	12.1"LCD/5th Generation Intel® Core™ i7-5500U 3.0GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/800*600/DC12V-24V input/Two-year warranty
TPC6000-C123-TL-BW5500U	12.1"LCD/5th Generation Intel® Core™ i7-5500U 3.0GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/1024*768/DC12V-24V input/Two-year warranty
TPC6000-C123-T-BW5300U	12.1"LCD/5th Generation Intel® Core™ i5-5300U 2.9GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/800*600/DC12V-24V input/Two-year warranty
TPC6000-C123-TL-BW5300U	12.1"LCD/5th Generation Intel® Core™ i5-5300U 2.9GHz dual-core Processors/No Memory/No Hard Disk/2*RS-232/485(Optional)/2 Gigabit Ethernet ports/4*USB3.0/Capacitive Touch Screen/1024*768/DC12V-24V input/Two-year warranty

## Optional Equipment:

Option	Adapter 12V/60W 2 pin Phoenix terminal
Option	Chinese standard Power Line 1.8m
Standard	4*Hooks
Standard	Manufacturer Certificate
Standard	Warranty Card
Standard	Random Listing