



**TPC6000-C1852W-L v1.1**

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## Industrial Panel PC

18.5" TFT Fanless Industrial Panel PC

Support Intel® Celeron J1900

Support Intel® Atom® E3845



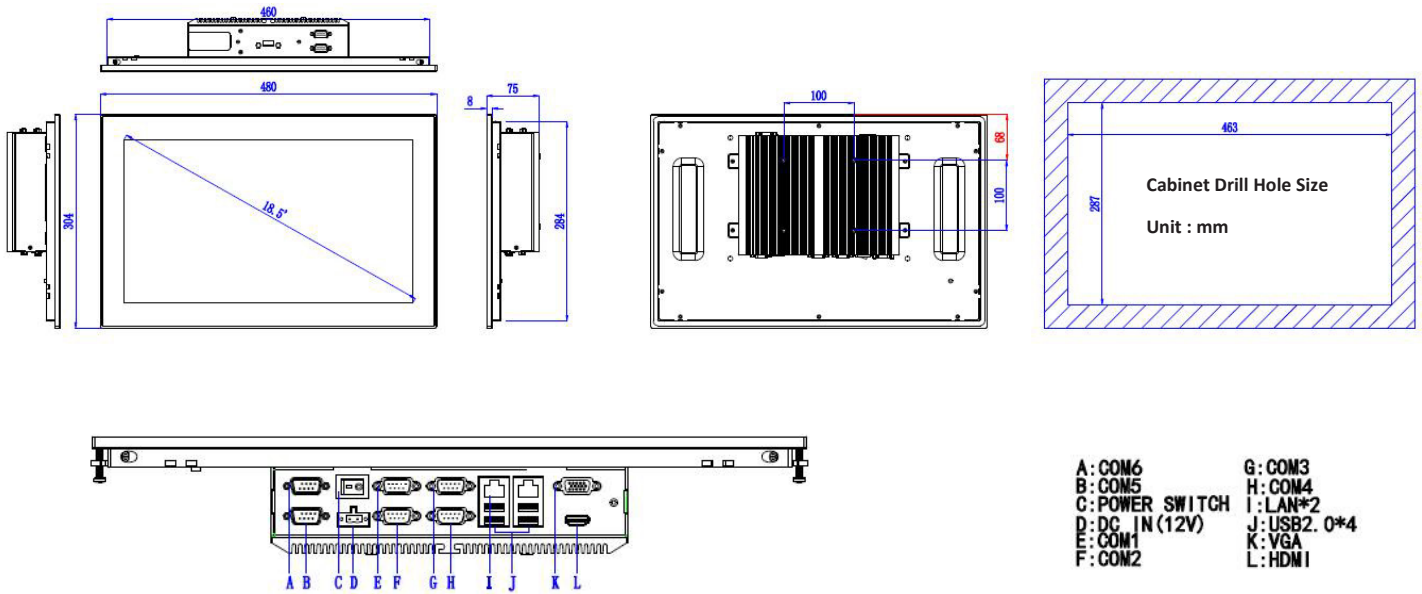


## Specifications :

Processor	CPU	Intel®Celeron J1900/Intel®Atom® E3845
	Base Frequency	Quad core 2.0GHz/ Quad core 1.91GHz
	L3 Cache	2MB/2MB
	Memory	1 x 204-pin SODIMM DDR3L-1333MHz support up to 8GB
	Storage Medium	1 x 2.5" SATA bay + 1 x mSATA
I/O	LAN	2 x Realtek 1000Mbps RJ-45 Ethernet interface
	Audio	Optional
	USB	1 x USB3.0/2.0/1.1, 3 x USB2.0/1.1
	COM	2 x RS-232 / RS-485 interface
	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	VGA / HDMI / 2 x GLAN / 4 x USB / 6 x COM
Physical	Dimensions (W x H x D)	480mm x 304mm x 75mm (18.90" x 11.97" x 2.95")
	Cut Out Size (W x H)	463mm x 287mm (18.23" x 11.30")
	NW	5.6kg
OS	OS	Windows 7, Windows 7 Embedded, Windows8, Windows10, Ubuntu, VXWORKS, QNX
Power	Input voltage	DC 12V,support reverse polarity protection, +9~+30V (Option)
	Maximum Power Dissipation	43watt
LCD	LCD Size	18.5" HD TFT
	Resolution	1366 x 768/1920 x 1080
	Colors	16.7MB
	Active Area ( W×H )	409.8 x 230.4mm (16.13"x 9.07")/408.96 x 230.04mm(16.10"x 9.06")
	Backlight	LED
	MTBF	30000hrs/50000hrs
	Pixel Pitch	0.300 x 0.300/0.213x0.213
	Luminance	250cd/m <sup>2</sup> /350cd/m <sup>2</sup>
	Contrast Ratio	1000:1
Touchscreen	Viewing Angle	(L) 85 / (R) 85 / (T) 80 / (B)/ 80(L) 89/ (R) 89 / (T) 89 / (B) 89
	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)
Environmental	Surface Hardness	Mohs' 7H
	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



## Ordering Information:

Product Code	Description
TPC6000-C1852W-L	18.5"LCD/ Intel J1900/E3845 / No Memory / No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB2.0/ Capacitive touch screen/1366*768/DC12V-24V
TPC6000-C1852W-LH	18.5"LCD/ Intel J1900/E3845 / No Memory / No Hard /2*RS-232/485(Optional) / 2*LAN /4*USB2.0/ Capacitive touch screen/1920*1080/DC12V-24V

## 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...