

TPC6000-C2153V-T V1.0

Industrial Panel PC

Intel® 3855U, i5-7200U , J1900 processor



TPC6000-C2153V-T



Specification :



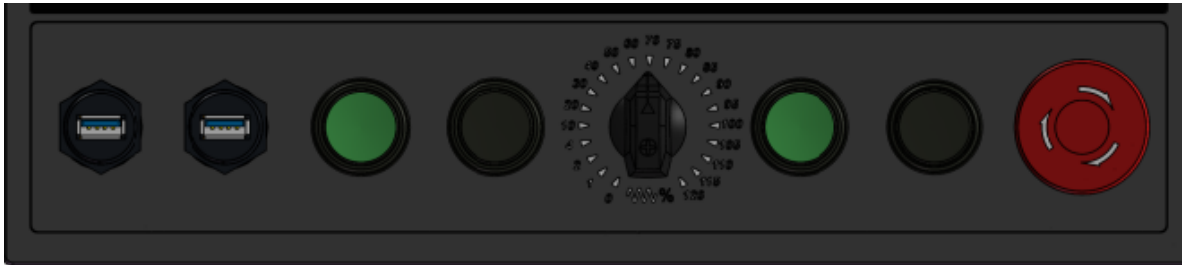
Processor	CPU	Intel®Celeron J1900 / Intel®Celeron™ 3855U / the 7 th generation Intel® Core™ i5-7200U
	Base Frequency	Dual Core 2.0 GHz / Dual Core 1.6 GHz / Dual Core 2.5 GHz
	L2 Cache	2MB / 2MB / 3MB
	Chipset	Integrated PCH-LP
	BIOS	AMI EFI 16Mbit
Memory	Type	DDR3L-1333MHz
	Capacity	Up to 8GB
	Slot	1 x 204-pin SODIMM
Display	Graphics controller	Intel HD Graphics 520 / Intel Graphics 510 (Celeron)
	VGA	1920 x 1200 @ 60Hz or 2048 x 1152 @ 60Hz with reduced blanking
	DVI-D	1920 x 1200 @ 60Hz or 2048 x 1152 @ 60Hz with reduced blanking
	HDMI	N/A
	Dual-display	Yes, VGA + DVI/Yes, VGA + HDMI
LAN	LAN1	Intel i210 Gbe LAN controller
	LAN2	Intel i210 Gbe LAN controller
Audio	IO	Realtek ACL662 Audio controller , Line-out
I/O	COM	2 x RS-232/485 (can be 6 via EasyBUS slot)
	USB	4 * USB3.0/2.0/1.1
Other I/O	Digital IO	16 x GPIO
	Watch Dog	255255 levels of programmable settings
Expansion	MiniPCie	1 * full size PCie with SIM holder
	PCie & PCI	N/A
	EasyBUS	Can be extended 2RS232/485,2LAN,2USB or DIO
Storage	HDD	1 x 2.5" HDD Bay (max to 600MB/s)
	SSD	1 * full size mSATA SSD
Operation System	Microsoft Windows	Windows 7, Windows 7 Embedded, Windows8, Windows10
	Linux	Ubuntu, Fedora, CentOS
	Realtime OS	VxWorks, QNX
Power	Type	AT/ATX
	Input voltage	12-24VDC ±10%
	Minimum input power	12V, 3A
	Adapter	AC to DC, DC12V/5A, 60W (Optional)
	Consumption	5-30W
Mechanical	Structure	Aluminum-magnesium alloy shell
	Mounting	Panel mounted
	Dimensions (L*W*H)	629.7mm*352.7mm*74.2mm
	Weight	10.42KG
Environmental	Work temperature	-20 ~ 60° C (-4 °F ~140 °F) (Wide temperature SSD) ; 0 ~ 45° C (32 °F ~113 °F) (Generally temperature SSD/HDD)
	Storage temperature	-40 ~ 80°C (-40 ~ 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, 半正弦波, 持续 11ms
	Certification	CE/FCC Class A, CCC
	Water-proof	Front panel IP65

Customized Items: Buttons

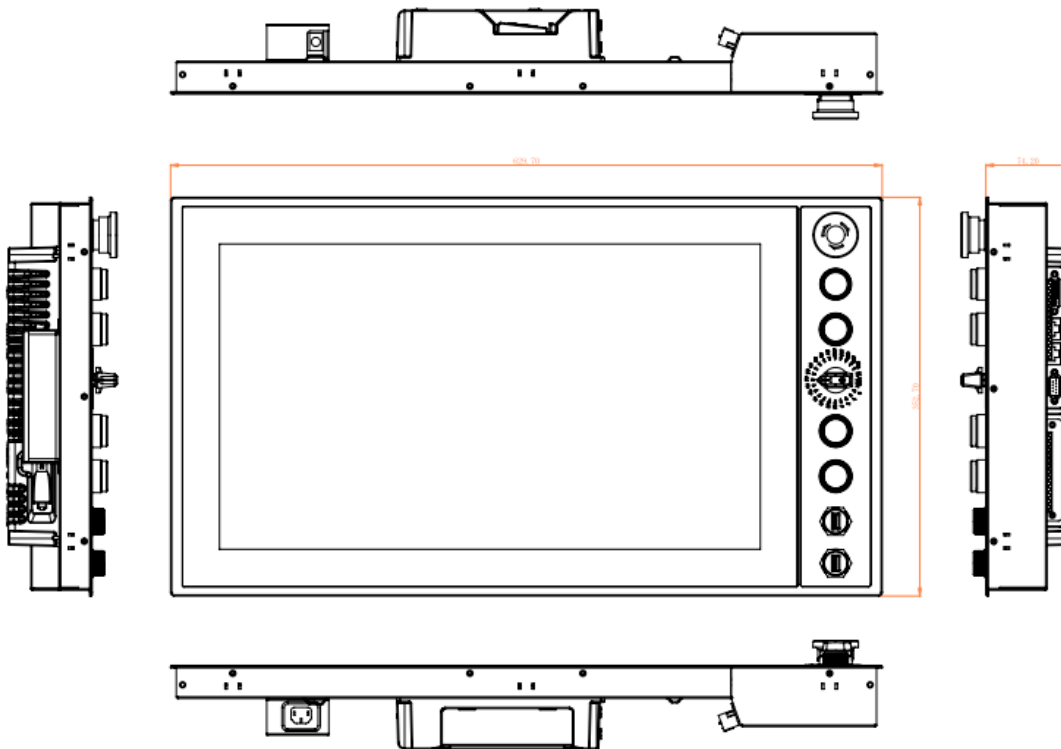
Example as below picture:

USB*2/ Green push button with light / Red push button with light / Potentiometer / Green push button with light/ push button with light / Emergency stop

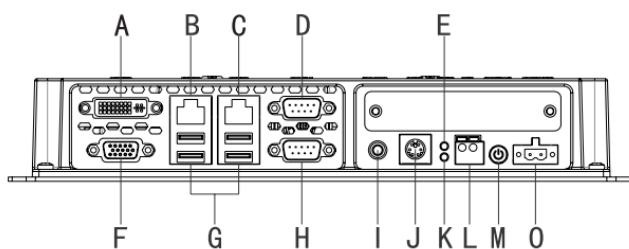
(diameter is $\varnothing 22$, if you have any special request please ask sales)



Dimensions : 629.7mm*352.7mm*74.2mm



IO :



Interface Definition:

A: DVI-D	H: COM2
B: LAN1	I: Line out
C: LAN2	J: PS/2
D: COM1	K: HDD LED
E: Power LED	L: SW
F: VGA	M: Power Switch
G: USB	O: DC IN(12V/24V)

Order information :

Product Code	Description
TPC6000-C2153V-T-SL3855	Intel 3855U 1.6G dual core CPU/ no memory/ no SSD /2*RS-232 option RS485 / 2LAN /4*USB2.0&3.0/DVI-D/VGA/DC12V-24V input
TPC6000-C2153V-T-SL7200	Intel 7200U 2.8G dual core CPU/ no memory / no SSD /2*RS-232 option RS485 / 2LAN /4*USB2.0&3.0/DVI-D/VGA/DC12V-24V input
TPC6000-C2153V-T-J1900	Intel J1900 2G quad core CPU/ no memory / no SSD /2*RS-232 option RS485 / 2LAN /4*USB2.0&3.0/DVI-D/VGA/DC12V-24V input

Option items :

Adapter	KPL-060F,with 2Pin teminal、 12V60W
Power cord	L=1.8M
Memory	Support DDR3L-1333MHz, Up to 8 GB Memory
Storage	Support 2.5 inch SSD/HDD , mSATA