

TPC-PR185C 18.5" Flat Resistive Industrial Panel PC

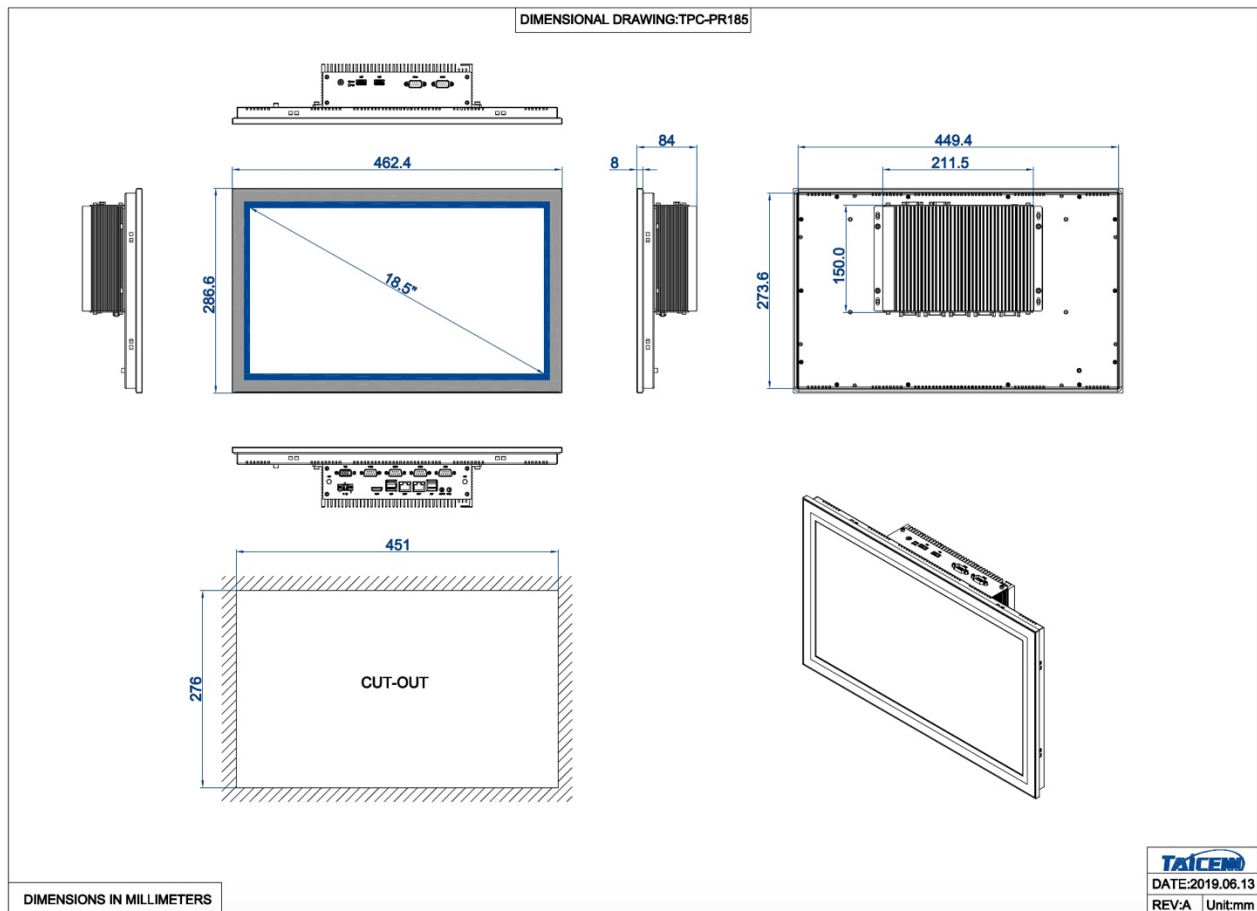


● Specification

Hardware & system	
BIOS	SPI AMI EEI BIOS
CPU	Intel Baytrail J1900 processor, Quad-core 2.0Ghz, burst to 2.42Ghz
Memory	SO-DIMM, DDR3L, max. up to 8GB
Storage	1* 2.5" SATA + 1*mSATA
Graphic card	Intel HD Graphics Gen7
Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
Audio	On-board Realtek ACL 282 audio controller
Expansion	1* Full size Mini-PCle slot
Watch dog	0~256 seconds programmable
OS	Win7, Win8, Win embedded, Win10, Linux
IO interface	
COM	6*RS232 (Support 1* RS485)
Ethernet	2* RJ45, 10/100/1000 Mbps
Audio	Mic in/Line out
USB	1* USB3.0 + 4* USB2.0
Display	1* HDMI + 1*VGA
Power	1* 2 pins, Phenix terminal
LCD	
Size/Type	18.5" TFT LCD
Resolution	1366*768 (Optional Full HD)
Brightness	250 nits
Backlit & MTBF	LED backlit & 30 000 hours
Display area	409.8 * 230.4
View angle	85/85/80/80
Touch	
Type	Precision 5-wires high-temp. Resistive touchscreen
Response time	<5ms
Click life	250g/ 35 million times
Draw life	250g/ 5 million times
Special treatment	PET film laminated, true flat design
Structure	
Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment
Mount method	Panel mount, VESA 75/100 (Optional VESA bracket)
Cooling system	Large area finned heat sink
Overall dimension	462.4 * 286.6 * 84 (mm)

Cutout dimension	451 * 276 (mm)
Net weight	4KG
Power & Environmental	
Operating temp.	0 ~ +50C°
Storage temp.	-20 ~ +60C°
Relative humidity	10 ~ 95% @ 10C (Non-condensation)
Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
Shock	10G/Peak (11 ms)
Voltage input	DC 9~24V
Power consumption	Around 35W
EMC	CE/FCC Class A

● Dimension



● Ordering information

TPC-PR185C1	18.5" LCD, 1366*768, Resistive touch, Intel Baytrail J1900, 1*HDMI, 1*VGA, 2*RJ45, 1*USB3.0, 4*USB2.0, 6*COM, Mic-in, Line-out, DC 9-24v, 60w PSU, Panel mount kits
Memory	SO-DIMM, DDR3L, 2G/4G/8GB
Storage	SSD: 16GB/32GB/64GB/256GB/512GB/1TB HDD: 500GB/1TB/2TB
Wireless module	Wi-Fi module, Wi-Fi with BT module, All network 4G module
VESA bracket	TPC-PC series VESA bracket