

# TPC-PC150K

15.0" XGA Kaby Lake Touch Panel PC

Version: 3.0

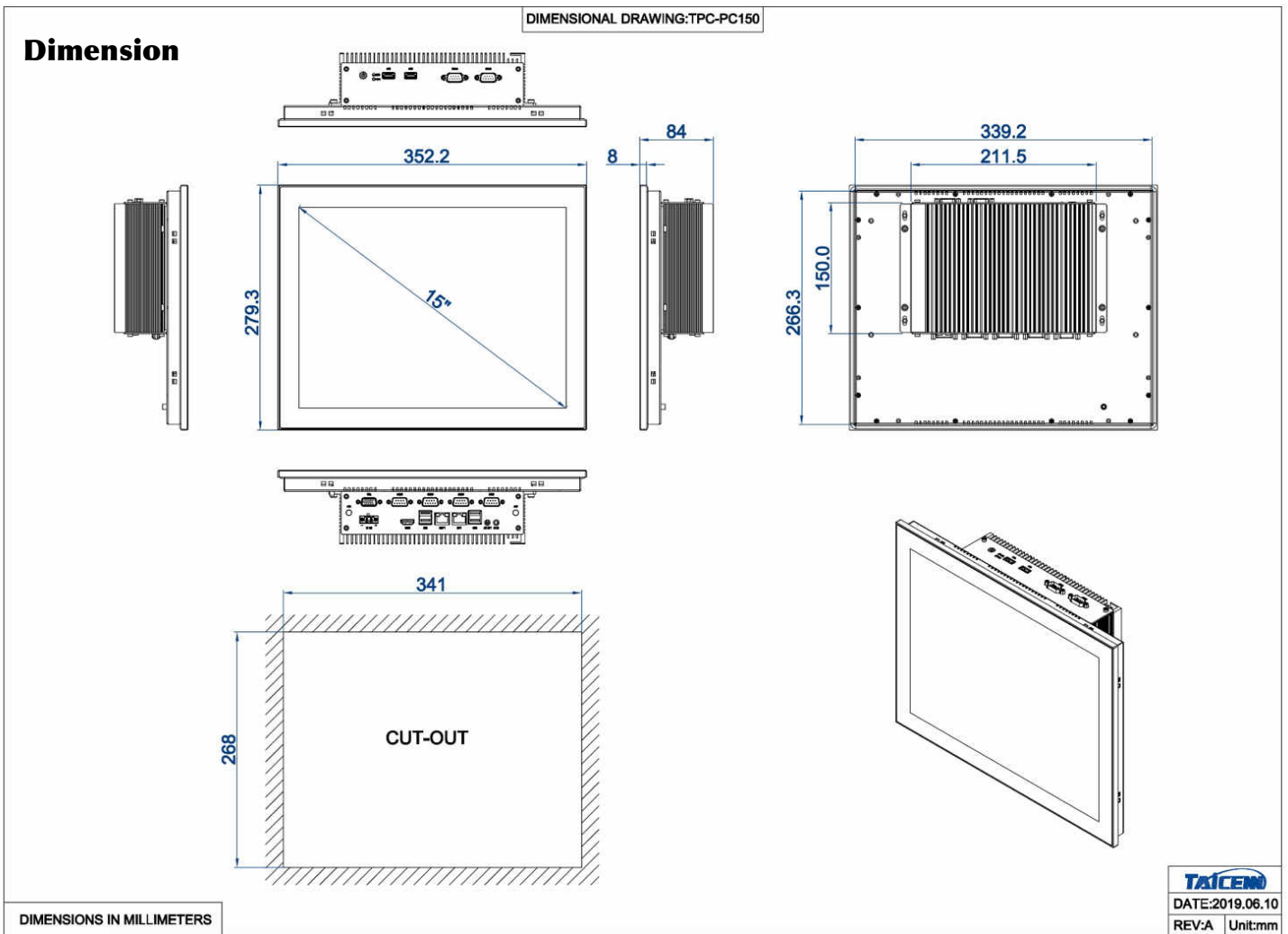


## Features

- 15.0" TFT LCD display, LED Backlit, XGA 1024 \*768;
- Intel 7<sup>th</sup> -gen. Kaby Lake -U Core i3/i5/i7, dual-core processor;
- Multi-points (Max. up to 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage and polarity protection;
- 2\*GLAN, 6\*USB, 6\*COM, 1\*HDMI, 1\*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

## Specification

<b>Hardware &amp; System</b>	BIOS	SPI AMI EEI BIOS		
	CPU	Core i3-7100U, Dual-core	Core i5-7200U, Dual-core	Core i7-7500U, Dual-core
		2.4Ghz	2.5Ghz, burst to 3.1Ghz	2.7Ghz, burst to 3.5Ghz
	Memory	SO-DIMM, DDR4, max. up to 16GB		
	Storage	1*mSATA (Optional support 1* 2.5" SATA)		
	Graphic	Intel HD Graphics 620		
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)		
	Audio	On-board Realtek ACL 269 audio controller		
	Expansion	1* Full size Mini-PCle slot		
	Watch dog	0~256 seconds programmable		
OS	Win7, Win8, Win embedded, Win10, Linux			
<b>IO interface</b>	COM	6x RS232 (Optional support 1x RS485)		
	Ethernet	2x RJ45, 10/100/1000 Mbps		
	Audio	Mic-in/Line-out		
	USB	4x USB3.0, 2x USB2.0		
	Display	1x HDMI, 1x VGA		
	Power	1x 2 pins, phenix terminal		
	<b>LCD Display</b>	Size/Type	15.0" TFT LCD	
Resolution		1024 * 768 (XGA)		
Brightness		350 nits		
Backlit & MTBF		LED backlit & 50 000hours		
Display area		304.128 * 228.096		
View angle		80/80/80/80		
<b>Touchscreen</b>	Type	Projective capacitive touchscreen		
	Touch points	Multi points touch, max. up to 10 points		
	Durability	>100 000 000 times		
	Surface hardness	Mohs 6H		
	Special treatment	Anti-fingerprint (AF)		
<b>Structure</b>	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment		
	Mount method	Panel mount (Optional support VESA 75/100)		
	Cooling system	Large area finned heat sink		
	Overall dimension	352.2 * 279.3 * 84.0 (mm)		
	Cut-out dimension	341 * 268 (mm)		
	Net weight	4.5 KG		
	IP protection	Front Panel IP65		
	<b>Power &amp; Environmental</b>	Operating temp.	-20 ~ +60°C	
Storage temp.		-30 ~ +80°C		
Relative Humidity		10 ~ 95% @ 10C (Non-condensation)		
Vibration		50 ~ 500 Hz, 1.5G, 0.15mm peak to peak		
Shock		10G/Peak (11 ms)		
Power input		DC 12~24V		
Power consumption		Around 40W		
EMC		CE/FCC Class A		



### Ordering info.

Part no.	Description
TPC-PC150K1	15.0", XGA 1024 * 768, <b>Core i3-7100U</b> , Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TPC-PC150K2	15.0", XGA 1024 * 768, <b>Core i5-7200U</b> , Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TPC-PC150K3	15.0", XGA 1024 * 768, <b>Core i7-7500U</b> , Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TDDR4-4/8/16GB1	Memory: SO-DIMM, DDR4,4GB/8GB/16GB Memory
TMSATA-32/64/128/256/512GB1	mSATA SSD: 32GB/64GB/128GB/256GB/512GB
T25SAS-256/512GB1	2.5" SATA SSD: 256GB/512GB
T25SAH-1T/2T/4TB1	2.5" HDD: 1TB/2TB/4TB
TWM-WIFIA1	Wi-Fi module, with Antenna
TWM-WIFIBT1	Wi-Fi with BT integrated module, with Antenna
TWM-4GA1	All network 4G/LTE module, With Antenna
TA-VESAB1	Additional VESA bracket for VESA mounting

### Packing List

■	1x Standard Product
■	1x 60W PSU (Power Supply)
■	1x Power cable & Plug
■	8x Panel mount metal clips