TPC-PC156K

15.6" WXGA intel Core Touch Panel PC

Version: 3.0



Features

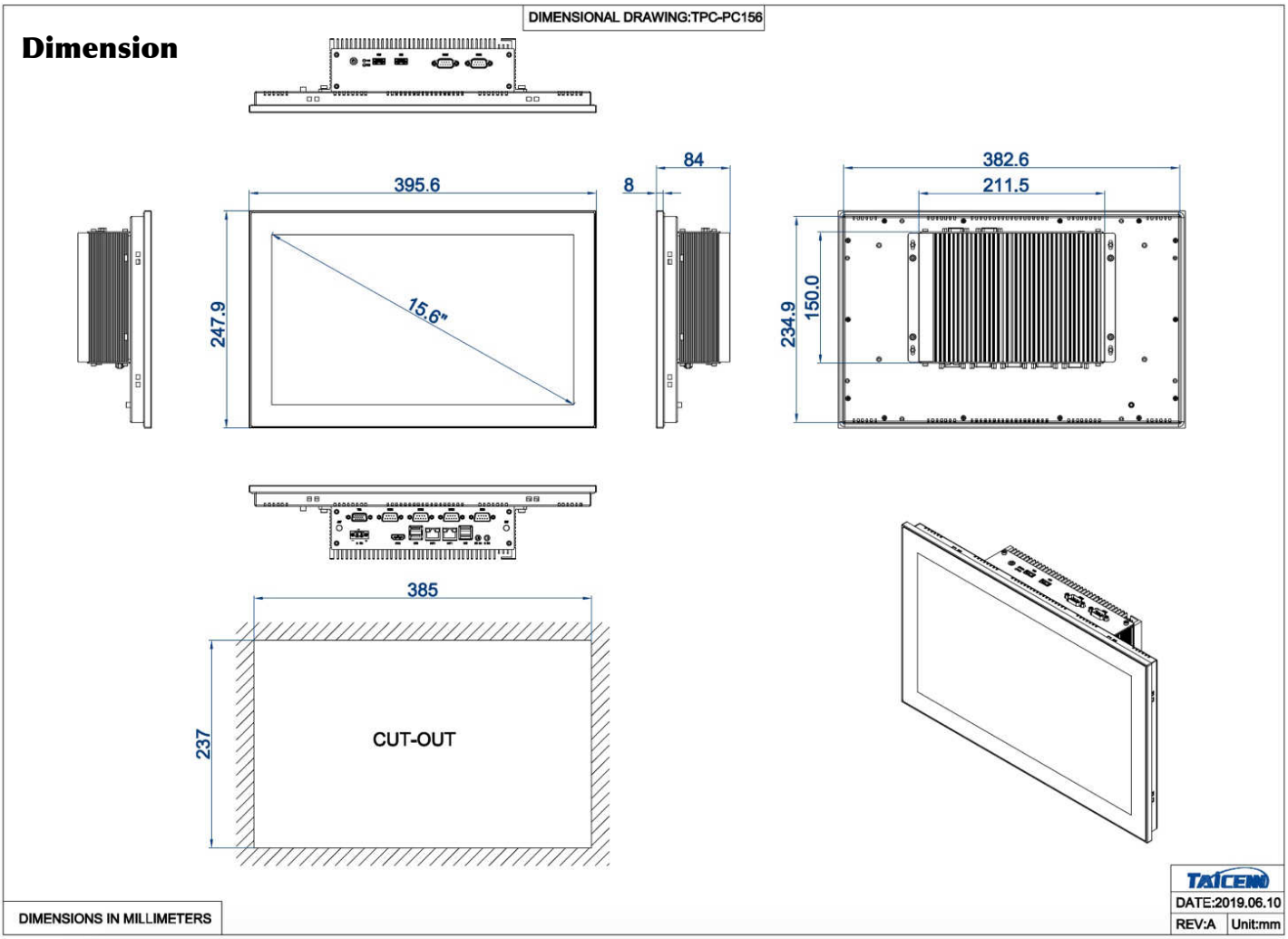
- 15.6" TFT LCD display, LED Backlit, WXGA 1366 *768;
- Intel 7th -gen. Kaby Lake -U Core i3/i5/i7, dual-core processor;
- Multi-points (Max. up 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage 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

Hardware & System	BIOS	SPI AMI EEI BIOS		
	CPU	Core i3-7100U, Dual-core 2.4Ghz	Core i5-7200U, Dual-core 2.5Ghz, burst to 3.1Ghz	Core i7-7500U, Dual-core 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-PCIe slot		
	Watch dog	0~256 seconds programmable		
	OS	Win7, Win8, Win embedded, Win10, Linux		
IO interface	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		
LCD Display	Size/Type	15.6" TFT LCD		
	Resolution	1366 * 768 (WXGA)		
	Brightness	500 nits		
	Backlit & MTBF	LED backlit & 50 000hours		
	Display area	344.23 * 193.54		
	View angle	80/80/80/80		
Touchscreen	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)		
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment		
	Mount method	Panel mount (Optional support VESA 75/100 mount)		
	Cooling system	Large area finned heat sink		
	Overall dimension	395.6 * 247.9 * 84.0 (mm)		
	Cut-out dimension	385 * 237 (mm)		
	Net weight	5.0 KG		
	IP protection	Front Panel IP65		
Power & Environmental	Operating temp.	-10 ~ +60℃		
	Storage temp.	-20 ~ +70℃		
	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		

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Dimension



Ordering info.

Part no.	Description
TPC-PC156K1	15.6" LCD, WXGA 1366 * 768, **Core i3-7100U**, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TPC-PC156K2	15.6" LCD, WXGA 1366 * 768, **Core i5-7200U**, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TPC-PC156K3	15.6" LCD, WXGA 1366 * 768, **Core i7-7500U**, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TDDR4-**4/8/16**GB1	Memory: SO-DIMM, DDR4,4GB/8GB/16GB Memory
TMSATA-**32/64/128/256/512**GB1	mSATA SSD: 32GB/64GB/128GB/256GB/512GB
T25SAS-**256/512**GB1	2.5" SATA SSD: 256GB/512GB
T25SAH-**1T/2T/4T**B1	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