

TPC-PCS156W

15.6" WXGA Whiskey Lake Industrial Panel PC

Version: 3.0

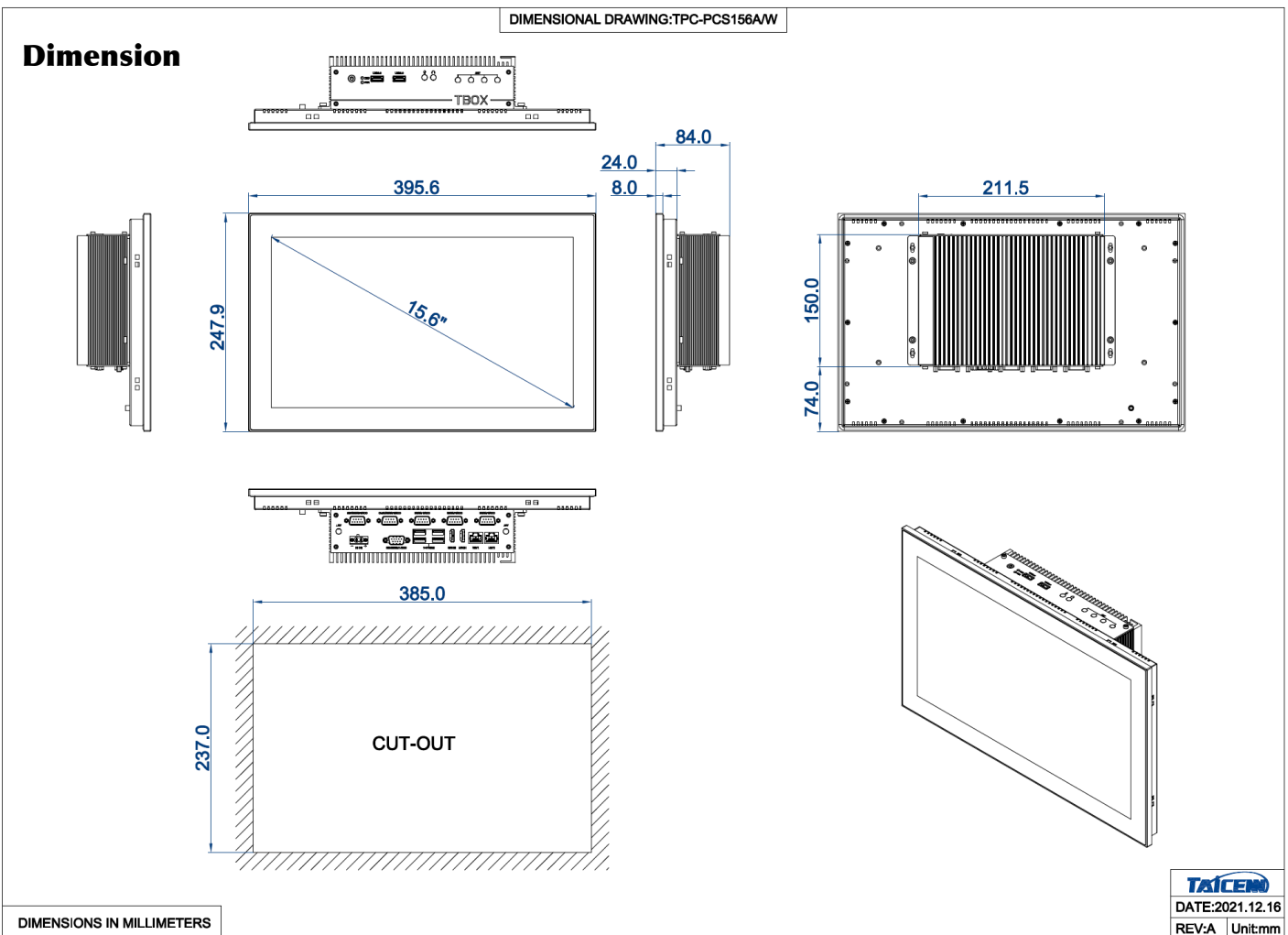


Features

- Widescreen 15.6" TFT LCD display, WLED Backlit, WXGA 1366 *768;
- Intel 8th -gen. Whiskey Lake -U, Celeron Core i3/i5/i7 processor;
- Single DDR4 memory, up to 16GB, 1* M.2 and 1* 2.5" SATA storage;
- Multi-points (Max. up to 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- 2 GLAN, Dual wireless expansion, 4G/5G, WIFI/BT support;
- DC 12V, Optional wide voltage DC 9~36V input;
- 6*USB (4 USB3.0), 6*COM (Optional GPIO), 2*HDMI;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS			
	CPU	Celeron 4205U, Dual	i3-8145U, Dual core	i5-8265U, Quad-core	i7-8565U, Quad-core
		core 1.8Ghz	2.1Ghz, burst to 3.9Ghz	1.5Ghz, burst to 3.9Ghz	1.8Ghz, burst to 4.6Ghz
	Memory	SO-DIMM, DDR4-1866/2133/2400 MT/s, max. up to 16GB			
	Storage	1* M.2 2242/2280 (Optional support 1* 2.5" SATA)			
	Graphic	Intel HD Graphics 610/620			
	Network	1* Intel I211AT, 1* Intel I219V (Optional 3G/4G, 5G, Wi-Fi/BT, Wi-Fi 6)			
	TPM	Intel PTT TPM2.0			
	Expansion	1* M.2 Key-B slot. 1* M.2 Key-E slot			
	Watch dog	0~256 seconds programmable			
IO interface	OS	Win10/Win11, Linux			
	COM	COM1/6: RS485 (Optional RS232), COM2/3/4: RS232, COM5: RS232 (Optional 8 GPIO)			
	Ethernet	2x RJ45, 10/100/1000 Mbps			
	Audio	Default no Mic-in/Line-out (Optional)			
	USB	4x USB3.0, 2x USB2.0			
	Display	2x HDMI (Max. support 4096 * 2160 @30Hz)			
LCD Display	Power	1x 2 pins, phenix terminal			
	Size/Type	15.6" TFT LCD			
	Resolution	1366 * 768 (XGA)			
	Brightness	500 nits			
	Backlit & MTBF	LED backlit & 50 000hours			
	Display area	344.23 * 193.54			
Touchscreen	View angle	80/80/80/80			
	Type	Projective capacitive touchscreen			
	Touch points	Multi points touch, max. up to 10 points			
	Durability	>100 000 000 times			
	Surface hardness	Mohs 6H			
Structure	Special treatment	Anti-fingerprint (AF)			
	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			
Power & Environmental	IP protection	Front Panel IP65			
	Operating temp.	-10 ~ +60°C			
	Storage temp.	-20 ~ +70°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 12V (Optional DC 9~36V)			
	Power consumption	Around 40W			
	EMC	CE/FCC Class A			



Ordering info.

Part no.	Description
TPC-PCS156W0	15.6", 1366 * 768, Celeron 4205U , Pcap. touch, 2*GLAN, 4*USB3.0, 2*USB2.0, 6*COM, 2*HDMI, DC 12V
TPC-PCS156W1	15.6", 1366 * 768, Core i3-8145U , Pcap. touch, 2*GLAN, 4*USB3.0, 2*USB2.0, 6*COM, 2*HDMI, DC 12V
TPC-PCS156W2	15.6", 1366 * 768, Core i5-8265U , Pcap. touch, 2*GLAN, 4*USB3.0, 2*USB2.0, 6*COM, 2*HDMI, DC 12V
TPC-PCS156W3	15.6", 1366 * 768, Core i7-8565U , Pcap. touch, 2*GLAN, 4*USB3.0, 2*USB2.0, 6*COM, 2*HDMI, DC 12V
Memory	SO-DIMM, DDR4, <u>4GB/8GB/16GB</u> Memory
Storage	M.2 SSD: <u>128GB/256GB/512GB</u> 2.5" SATA SSD: <u>128GB/256GB/512GB</u> 2.5" HDD: <u>2TB/4TB</u>
Wireless modules	Wi-Fi module, with Antenna (M.2 interface) Wi-Fi with BT integrated module, with Antenna (M.2 interface) All network 4G/LTE module, With Antenna (M.2 interface) 5G network module, with antenna (M.2 interface)
DC module	DC to DC, wide voltage DC 9~36V
Bracket	Additional VESA bracket for VESA mounting
SIM Card module	SIM Card slot for 3G/4G/5G Wireless function

Packing List

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