TPC-PCS156HT

15.6" FHD Panel PC with Intel Tiger Lake UP3; Front IP66 rated; 2 GbE, 8 USB, 2 HDMI, 6 COM; Pcap. Touch; DC 12V; 2 M.2 Expansion slots.

Version: 3.2

Features:

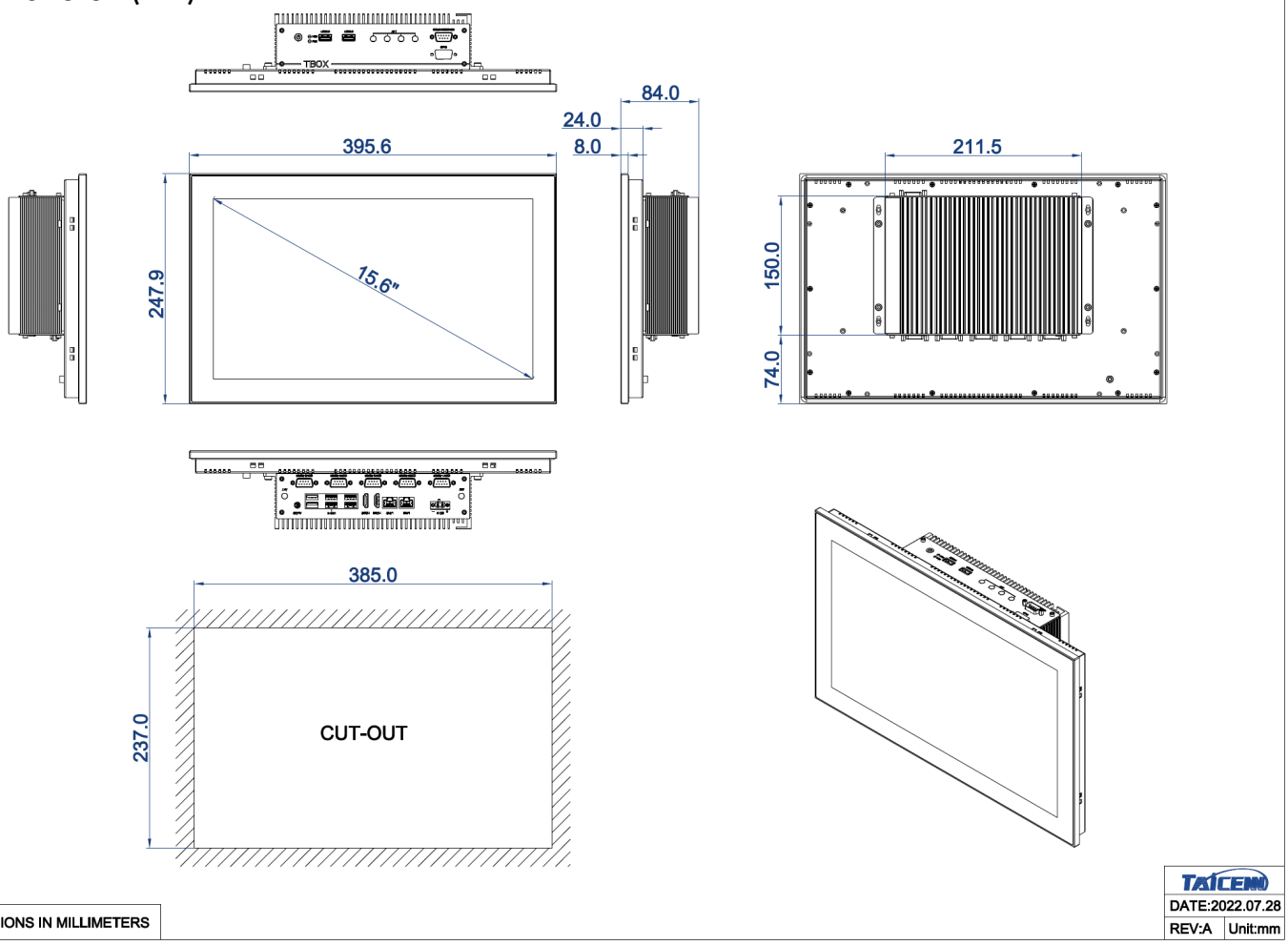
- Modular & Fanless designed, aluminum-magnesium alloy;
- Intel 11th Gen. Tiger Lake UP3, Core i3/i5/i7 processors;
- Wide 15.6" TFT LCD Display, LED Backlit, FHD 1920*1080;
- Multi up to 10 points Pcap. touchscreen, EETI controller;
- DC 12V Power input, optional wide DC 9~36V input;
- I/O interfaces: 2 GbE, 6 USB3.0, 2 USB2.0, 6 COM, 2 HDMI;
- Intel PTT TPM2.0, Support Windows 11 OS;
- Panel mount, VESA 75/100 mount, Front IP66 rated protection;
- Optional 2 M.2 fast expansion slots.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel 11th Gen. Core i3-1115G4, Core i5-1155G7, Core i7-1195G7
	Graphic	Intel UHD/Iris Xe Graphic
	Memory	SO-DIMM, Support DDR4 2666/2933/3200 Mhz, Max. up to 32GB
	Storage	1* M.2 2280 M-Key slot (PCIe x4 Gen IV, NVMe) SSD, Optional support 1* 2.5" SATA III SSD
	Network	1* Intel i219V, 1* Intel i226V GbE (Optional wireless 3G/4G/LTE, Wi-Fi/BT, 5G/Wi-Fi 6)
	Audio	On-board Realtek ACL 897 Audio controller
	Expansion	1* M.2 (NGFF) B-Key 3042/3052 slot, 1* M.2 E-Key 2230 slot
	Watch dog	0 ~ 256 seconds programmable
	Operating System	Win10, Win11, Linux, Ubuntu
I/O Interface	Ethernet	2 RJ45, 10/100/1000 Mbps
	COM	COM1/2/3/4/5:RS232; COM6:RS485(Optional RS232)
	Audio	Mic-in/Line-out (2 in 1, 3.5mm Jack)
	USB	6* USB3.0, 2*USB2.0
	Display	2* HDMI (Max. support 4096 * 2160 @30Hz)
	Power	1* 2 Pins, Phenix Terminal
LCD Display	Size/Type	Widescreen 15.6" TFT LCD Display
	Resolution	1920 * 1080 (Full HD)
	Brightness	450 nits
	Backlit & Lifetime	LED Backlit & 50K hours
	Display Area	344.16* 193.59 (mm)
	View Angle	89/89/89/89
Touchscreen	Type	Projective capacitive touchscreen
	Touch points	Multi points touch, max. up to 10 points
	Durability	>100 000 000 times
	Surface Hardness	MOHS 6H
	Touch Controller	EETI
	Special Treatment	Anti-Fingerprint (AF)
Structure	Structure & Surface	Magnesium-Aluminum alloy, sand blasting, anodized treated
	Cooling System	Large area finned heatsink (Fanless designed)
	Overall Dimension	395.6 * 247.9 * 84.0 (mm)
	Cut-out Dimension	385 * 237 (mm)
	Net Weight	5.0 KG
	Mount Method	Panel mount, VESA 75/100 Mount
Power & Environmental	Operating temp.	-20~ + 60 (°C)
	Storage temp.	-30 ~ + 70 (°C)

Humidity	10 ~ 95% @ 10C (No condensation)
Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
Shock	10G/Peak (11 ms)
Power input	DC 12V (Optional wide voltage DC 9~36V)
Power consumption	About 40W
Certificate	CE/FCC/ROHS

Dimension (mm)



Ordering information

Part no.	Description
TPC-PCS156HT1	15.6" LCD, FHD 1920 *1080, Intel Core i3-1115G4, Dual-core 4.10Ghz, Pcap. Touch, 2 GbE, 6 USB3.0, 2 USB2.0, 2 HDMI, 6 COM, Audio, DC 12V, PSU
TPC-PCS156HT2	15.6" LCD, FHD 1920 *1080, Intel Core i5-1155G7, Quad-core 4.50Ghz, Pcap. Touch, 2 GbE, 6 USB3.0, 2 USB2.0, 2 HDMI, 6 COM, Audio, DC 12V, PSU
TPC-PCS156HT3	15.6" LCD, FHD 1920 *1080, Intel Core i7-1195G7, Quad-core 5.00Ghz, Pcap. Touch, 2 GbE, 6 USB3.0, 2 USB2.0, 2 HDMI, 6 COM, Audio, DC 12V, PSU

Optional Accessories	Description	Packing List	
Memory	SO-DIMM, DDR4, 4GB/8GB/16GB/32GB	Standard TPC-PCS156HT Panel PC Product	1 set
Storage	M.2 SSD: 128GB/256GB/512GB	PSU (Power Supply)	1 set
	2.5" SATA SSD/HDD	Power cable & Plug	1 set
Wireless	Wi-Fi Module, with Antenna	Panel mount clips (Metal)	1 set (8 pieces)
	Wi-Fi Module with BT Integrated, With Antenna		
	All Network 4G module, with Antenna		
	5G Network module, with Antenna		
Power Supply	PSU for wide voltage DC 9 ~36V model TPC-PCS156HTxW (If needed)		
SIM Card holder	SIM Card holder for 3G/4G/5G wireless function		

The information in this specification is subject to change without notice.