

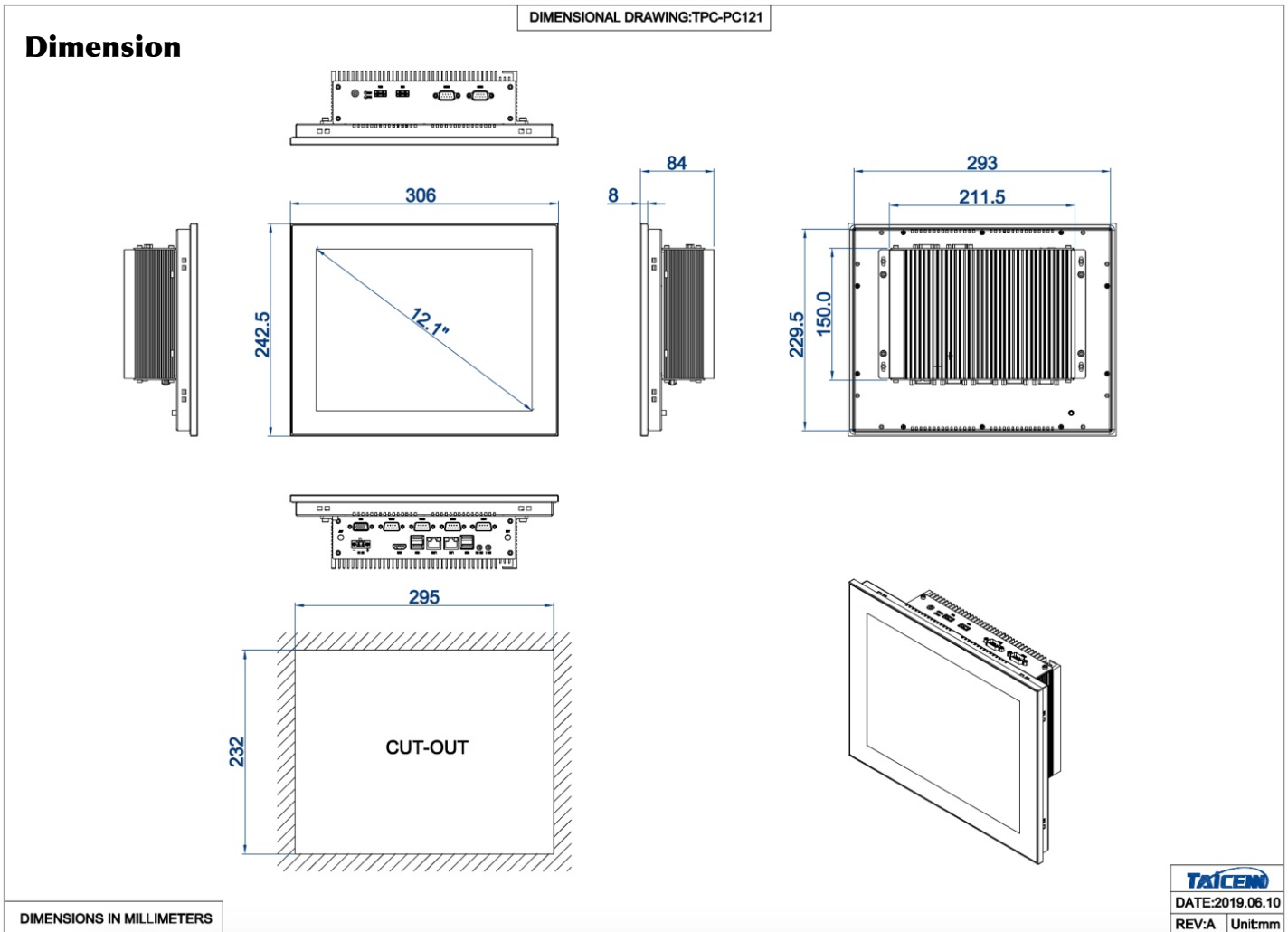


Features

- 12.1" TFT LCD display, LED Backlit, XGA 1024 *768;
- Intel Apollo Lake J3455 1.5Ghz Quad-core processor;
- Multi-points (Max. up to 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12V, 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	Intel Apollo Lake J3455, Quad-core 1.5Ghz, burst to 2.3Ghz
	Memory	SO-DIMM, DDR3-1866Mt/s, Max. up to 8GB
	Storage	1*mSATA (Optional support 1* 2.5" SATA)
	Graphic	Intel HD Graphics 500
	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	Win10, Linux
	IO interface	COM
Ethernet		2* RJ45, 10/100/1000 Mbps
Audio		Mic-in/Line-out
USB		4x USB3.0, 2x USB2.0
Display		1x HDMI, 1x HDMI
Power		1x 2 pins, phenix terminal
LCD Display		Size/Type
	Resolution	1024 * 768 (XGA)
	Brightness	350 nits
	Backlit & MTBF	LED backlit & 30 000hours
	Display area	245.76 * 184.32
	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)
	Cooling system	Large area finned heat sink
	Overall dimension	306.0 * 242.5 * 84 (mm)
	Cut-out dimension	295 * 232 (mm)
	Net weight	4.2 KG
	IP protection	Front Panel IP65
	Power & Environmental	Operating temp.
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 12V (Optional DC 9~36V)
Power consumption		Around 30W
EMC		CE/FCC Class A



Ordering info.

Part no.	Description
TPC-PC121A1	12.1", 1024 * 768, Intel Apollo Lake j3455, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12V
TPC-PR121A1	12.1", 1024 * 768, Intel Apollo Lake j3455, Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12V
TDDR3-2/4/8GB1	Memory: SO-DIMM, DDR3, 2GB/4GB/8GB 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
TPS-DTD936M1	DC to DC, wide power input DC 9 ~ 36V
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