

# TPC-DRM170A1

17.0" SXGA Apollo Lake Resistive Panel PC

Version: 3.0



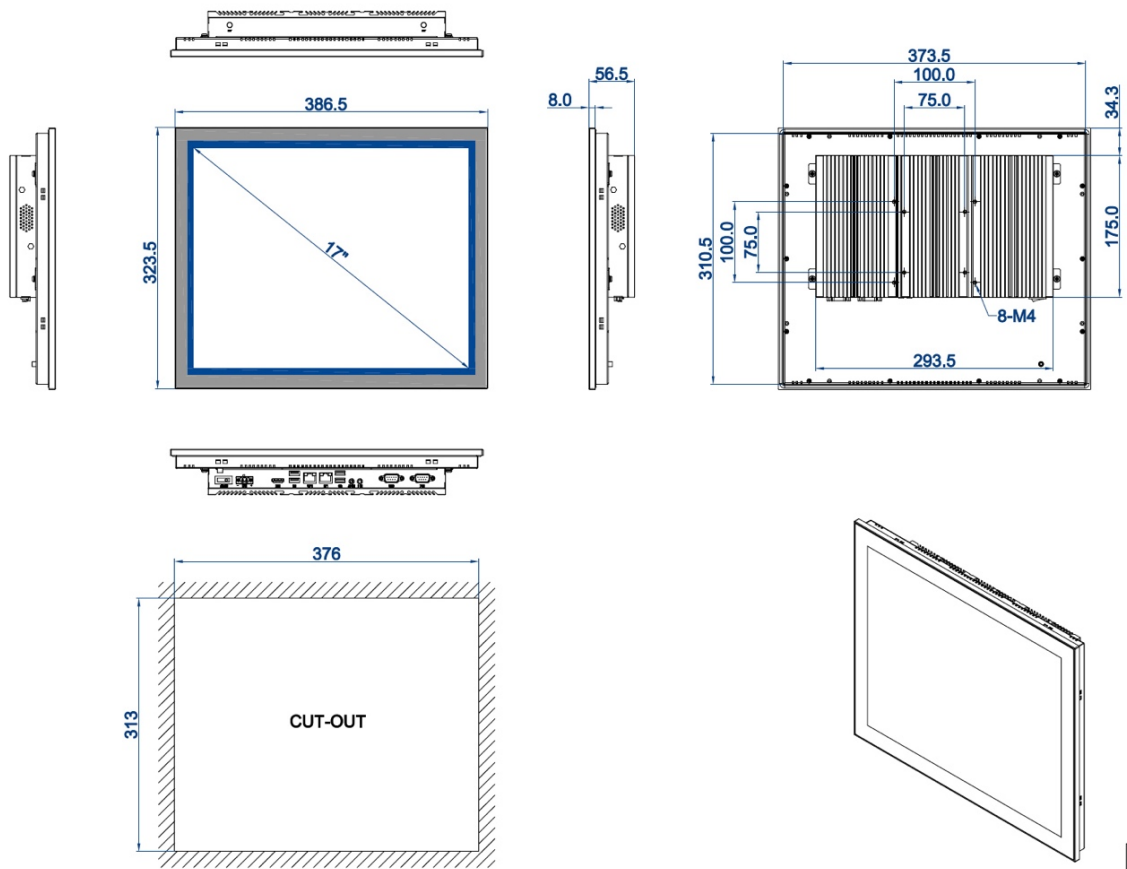
## Features

- 17.0" TFT LCD display, LED Backlit, SXGA 1280 \*1024;
- Intel Apollo Lake J3455 1.5Ghz Quad-core processor;
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12V, with over-current, over-voltage and polarity protection;
- 2\*GLAN, 4\*USB3.0, 2\*COM, 1\*HDMI, Mic-in/Line-out;
- Fan-less & Slim design, Panel mount, VESA, Front IP65 protection.

## Specification

<b>Hardware &amp; System</b>	BIOS	SPI AMI EEI BIOS
	CPU	Intel Apollo Lake J3455, Quad-core 1.5Ghz, burst to 2.3Ghz
	Memory	SO-DIMM, Support DDR3L 1333/1600/1866 MHz, Max. up to 8GB
	Storage	1* 2.5"SATA + 1*mSATA
	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
<b>IO interface</b>	COM	2*RS232 (Support 1x RS485)
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	4x USB3.0
	Display	1x HDMI
	Power	1x 2 pins, phenix terminal
<b>LCD Display</b>	Size/Type	17.0" TFT LCD
	Resolution	1280 * 1024 (SXGA)
	Brightness	250 nits
	Backlit & MTBF	LED backlit & 30 000hours
	Display area	337.92 * 270.34
	View angle	85/85/85/85
<b>Touchscreen</b>	Type	High temp. 5-wires Resistive touchscreen
	Response time	<5ms
	Click life	250g / 35 million times
	Special treatment	PET film laminated, flat design
	Touch controller	EETI
<b>Structure</b>	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment
	Mount method	Panel mount, VESA 75/100
	Cooling system	Large area finned heat sink
	Overall dimension	386.5 * 323.5 * 56.5 (mm)
	Cut-out dimension	376 * 313 (mm)
	Net weight	4.7 KG
	IP protection	Front Panel IP65
<b>Power &amp; Environmental</b>	Operating temp.	0 ~ +50°C
	Storage temp.	-20 ~ +60°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 35W
	EMC	CE/FCC Class A

## Dimension



DIMENSIONS IN MILLIMETERS

**TAICENN**  
 DATE:2019.06.11  
 REV:A Unit:mm

## Ordering info.

Part no.	Description
TPC-DRM170A1	17.0", 1280 * 1024, Intel J3455, Resistive touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 12V
TPC-DRM170A1W	17.0", 1280 * 1024, Intel J3455, Resistive touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 9~36V (No PSU by default)
Memory	Memory: SO-DIMM, DDR3L, <u>2GB/4GB/8GB</u> Memory
Storage	mSATA SSD: <u>32GB/64GB/128GB/256GB/512GB</u>
	2.5" SATA SSD: <u>256GB/512GB</u>
	2.5" HDD: <u>1TB/2TB/4TB</u>
Wireless modules	Wi-Fi module, with Antenna
	Wi-Fi with BT integrated module, with Antenna
	All network 4G/LTE module, With Antenna
Power supply	60W PSU with cable (Optional for TPC-DRM170A1W)

## Packing List

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