

# TPC-DCM150A1

15.0" XGA Apollo Lake Pcap. Panel PC

Version: 3.0



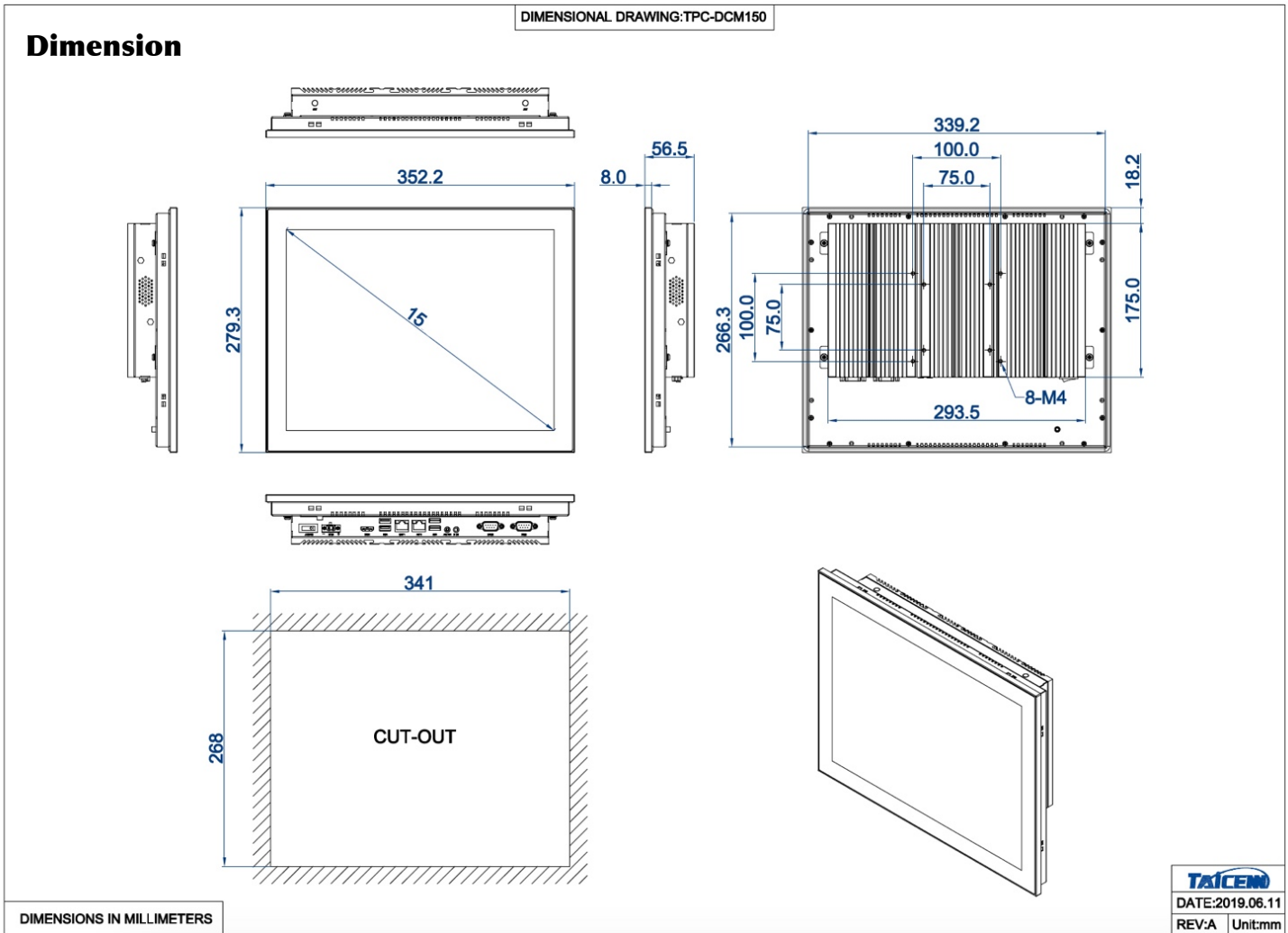
## Features

- 15.0" 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, 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	15.0" TFT LCD
	Resolution	1024 * 768 (XGA)
	Brightness	350 nits
	Backlit & MTBF	LED backlit & 50 000hours
	Display area	304.128 * 228.096
<b>Touchscreen</b>	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
<b>Structure</b>	Special treatment	Anti-fingerprint (AF)
	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	352.2 * 279.3 * 56.5 (mm)
	Cut-out dimension	341 * 268 (mm)
	Net weight	3.9 KG
	IP protection	Front Panel IP65
	<b>Power &amp; Environmental</b>	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 35W
EMC		CE/FCC Class A





### Ordering info.

Part no.	Description
TPC-DCM150A1	15.0", 1024 * 768, Intel Apollo Lake j3455, Pcap. touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 12V
TPC-DCM150A1W	15.0", 1024 * 768, Intel Apollo Lake j3455, Pcap. 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-DCM150A1W)

### Packing List

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