

TPC-DCM215A1

21.5" Full HD Apollo Lake Pcap. Panel PC

Version: 3.0



Features

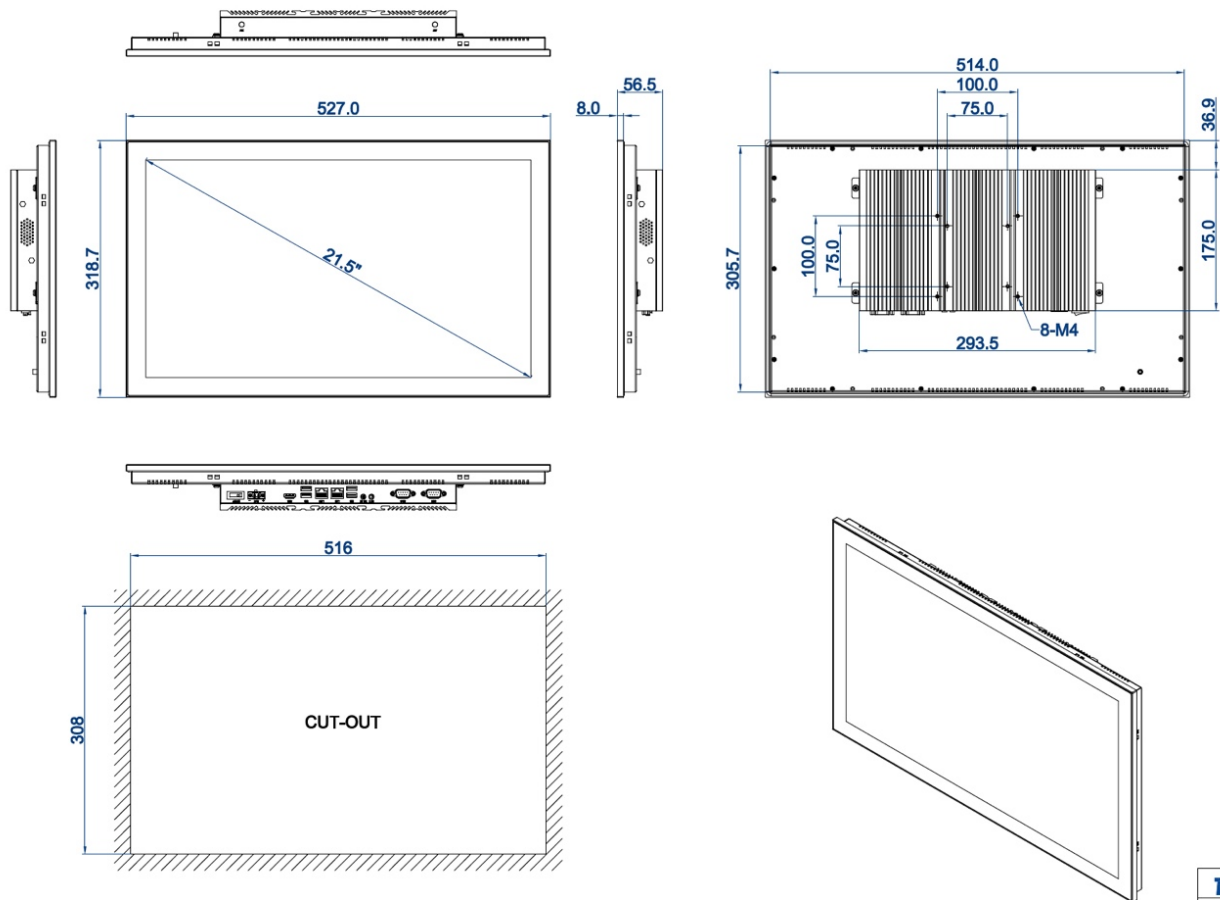
- Widescreen 21.5" TFT LCD display, LED Backlit, Full HD 1920 *1080;
- Intel Apollo Lake J3455 1.5Ghz Quad-core processor;
- Multi-points (Max. up to 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12V, with over-current, 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

Hardware & System	BIOS	SPI AMI EET 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	
IO interface	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	
	LCD Display	Size/Type	21.5" TFT LCD
Resolution		1920 * 1080 (Full HD)	
Brightness		250 nits	
Backlit & MTBF		LED backlit & 30 000hours	
Display area		476.64 * 268.11	
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	
	Special treatment	Anti-fingerprint (AF)	
	Structure	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		527 * 318.7 * 56.5 (mm)	
Cut-out dimension		516 * 308 (mm)	
Net weight		7.0 KG	
IP protection		Front Panel IP65	
Power & Environmental		Operating temp.	0 ~ +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 with DC 18~36V)	
	Power consumption	Around 40W	
	EMC	CE/FCC Class A	

DIMENSIONAL DRAWING:TPC-DCM215

Dimension



DIMENSIONS IN MILLIMETERS

TAICENN
 DATE:2019.05.15
 REV:C Unit:mm

Ordering info.

Part no.	Description
TPC-DCM215A1	21.5" LCD, 1920 * 1080, Intel Apollo Lake J3455, Pcap. touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 12V
TPC-DCM215A1W	21.5" LCD, 1920 * 1080, 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-DCM215A1W)

Packing List

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