APC-PC101LCQ-E5

10.1'' widescreen Pcap. Touch Panel PC

Specification

V2.0

Key features:

➢ Intel Baytrail J1900 Quad-core processor;

➢ 10.1'' TFT LCD, LED backlit, Resolution 1280 x 800;

➢ Multi-points 10 points Pcap. touch;

➢ Front panel IP65 rating, front 1 USB for RFID moduel;

➢ On-board 4GB DDR3 memory;

➢ Optional 1 standard aDoor module expansion, 1* Mini-PCIe slot;

➢ 2 GLAN, 5 USB, 2 COM, 1 HDMI, 1 VGA, Mic-in/Line-out;
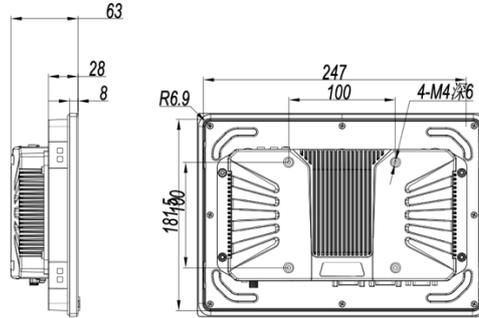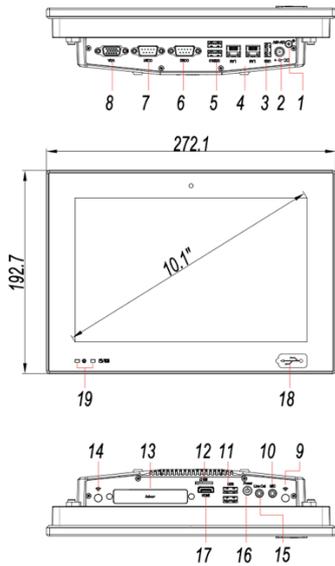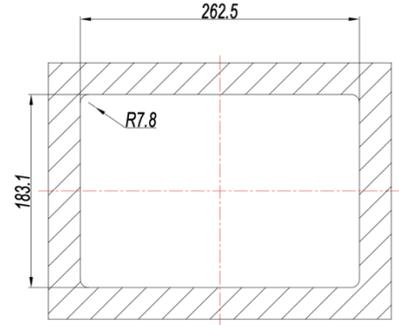
➢ Wide voltage input DC 12~28v.

Product Image

Technical Data

System	
BIOS	SPI AMI EEI BIOS
CPU	Intel Baytrail J1900 processor, Quad-core 2.0Ghz, burst to 2.42Ghz
Memory	On-board DDR3L 4GB RAM
Network	2* Intel I210AT (Optional 3G/4G/Wi-Fi)
Storage	1* 2.5"SATA + 1*mSATA
Audio	Realtek ACL 662 controller
Watch dog	Programmable 1~255 seconds
Operating System	Win7, Win8, Win 10, Linux, Unix

I/O	
Network	2x RJ45, 10/100/1000 Mbps
USB	3x USB 3.0 + 2x USB 2.0, 1x front USB
COM	2x DB9 RS232/RS485
Audio	Line-In, Line-Out
Display	1* HDMI + 1*VGA
Power Input	Coaxial power, 2.1mm, lockable

LCD	
Size/Type	10.1'' WXGA TFT LCD
Resolution	1280* 800
Brightness	400 (cd/m^2)
Brightness MTBF	WLED, 20 000 hours
Contrast ratio	800:1
Viewing angle	89/89/89/89 (Typ.)

TOUCH	
Type	Projective capacitive touch
Touch points	Multi points touch, max. up to 10 points
Durability	>100 000 000 times
Surface hardness	>Mohs 6H
Touch interface	USB
Response time	<5ms

Structure	
Front Panel	Magnesium-aluminum alloy, Anodizing treatment
Color	Light grey + Black
Mounting	Panel mounting, VESA100
Cut-out dimension	263.5 x 178 mm (W*H)
Product Dimension	272.1 x 192.7 x 63 mm (W*H*D)
Net weight	2.7 KG

Power and Environmental	
Voltage Input	DC 12~28V (Over-current, Over-voltage and reverse polarity protection)
Power Consumption	About 40 W
Working temperature	-20℃~+50 ℃
Storage temperature	-30℃~+60 ℃
Relative humidity	10~95%@10℃ (No condensation)
Vibration	50~500Hz,1.5G,0.15mm peak to peak
Shock	10G/peak (11ms sec)

Dimension & Interface

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Interface specification

1:GND	2:DC IN	3:USB	4:LAN	5:USB3.0	6:COM	7:COM	8:VGA	9:WIFI	10:MIC
11:USB	12:SIM	13:aDoor	14:WIFI	15:Line Out	16:Power	17:HDMI	18:USB	19:LED	

Mainkco IPC is a subsidiary brand of TAICENN Technology.

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

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