

PPC -157PW

15.6" Full HD Fanless IP65 Protection Touch Panel PC with Intel® Core® i5-7200U/ i3-7100U Processor



Features

- 15.6" TFT Full HD LCD Panel with Projected Capacitive Touch Display
- True Flat Front Panel IP65
- Resolution:1920 x1080
- Embedded Intel® Core® i5-7200U 3.1 GHz Processor
- Internal SATA 2.5" HDD and M.2 Socket
- Panel and VESA Mounting

Applications

- Human Machine Interface (HMI)
- Factory / Manufacturing Automation
- ATM / Self-service / Kiosk Applications
- Vending Machine / Ticketing Machine

→ Packing List

Description
1 x PPC-157PW
1 x Power Adapter
12 x Panel Mounting Screws

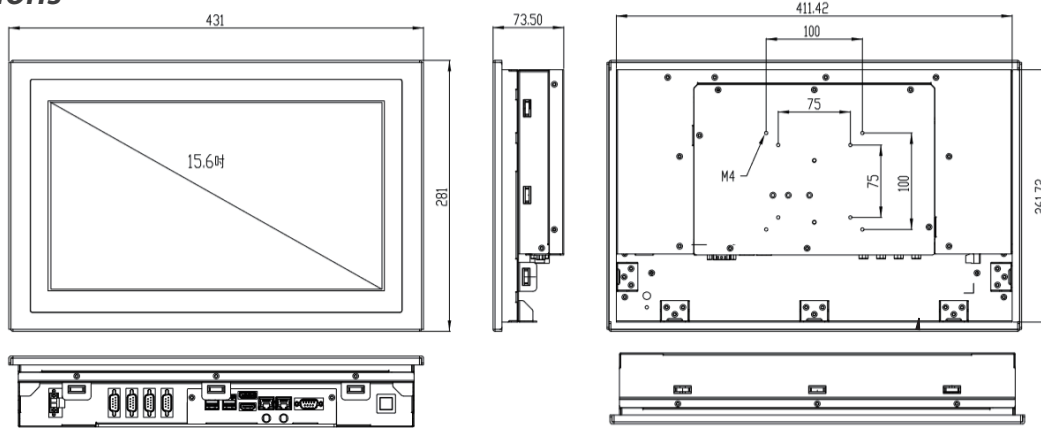
→ Optional Items

Part No.	Description
AWD-3G002	3G (HSPA+) Module + 1 Antenna, Full-size
AWD-4G001	4G (LTE) Module + 2 Antennas, Full-size
AWD-WF001	Wi-Fi 802.11 bgn (1T1R) + 1 Antenna (Single band), Half-size
AWD-WF003	Wi-Fi 802.11 abgn/ac/BT4.0 (2T2R) Module + 2 Antennas (Dual band), Half-size
AWD-WF004	Wi-Fi 802.11 b/g/n + BT4.0(1T1R) + 2 Antenna(Single band), M.2 2230 Type
AWD-WF005	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 Antenna(Dual band), M.2 2230 type

→ Ordering Information

Part No.	Description
PPC-157PW-1A1	15.6" 1920 x1080 Fanless P-Cap Touch Panel PC with Intel® Core® i5-7200U, 2 DDR4, 2 GbE, 4 USB 3.0, 3 RS-232, 1 RS-232/422/485, 8bits GPIO, line out, mic in,1 HDMI, 1DP, DC 9~36V, Phoenix Connector
PPC-157PW-2A1	15.6" 1920 x1080 Fanless P-Cap Touch Panel PC with Intel® Core® i3-7100U, 2 DDR4, 2 GbE, 4 USB 3.0, 3 RS-232, 1 RS-232/422/485, 8bits GPIO, line out, mic in,1 HDMI, 1DP, DC 9~36V, Phoenix Connector

→ Dimensions



→ Specifications

Cut Out : 413.5 mm*263.8 mm

Model		PPC-157PW-1A1	PPC-157PW-2A1
Processor System	CPU	Intel® Core® i5-7200U	Intel® Core® i3-7100U
	Frequency	Dual-Core up to 3.1GHz	Dual-Core up to 2.4GHz
	L2 Cache	3 MB	
	System Chipset	N/A	
Memory	BIOS	UEFI	
	Technology	DDR4 2133 MHz SDRAM	
	Max. Capacity	32 GB	
Display	Socket	2 (260-pin SO-DIMM)	
	Panel Size	15.6" LCD Panel	
	Resolution	1920 x 1080 (Full HD)	
	Viewing Angle	85 x 85 (H) x 85 x 85 (V)	
	Brightness	450 (cd/m ²)	
	Color Support	16.2M	
	Contrast Ratio	800:1	
	Response Time	12 (msec)	
	DP	DP 1.2, Up to 3840 x 2160 @ 60Hz	
	HDMI	HDMI 2.0a, up to 4096 x 2160 @ 60Hz	
	Multi Display	LCD + HMDI or LCD + DP	
Touchscreen	Touchscreen Type	Projected Capacitive	
	Surface Hardness	7 Mohs	
	Durability	-	
	Transparency	90% (±3%)	
I/O Interface	USB	4 USB 3.0	
	Serial Port	4 COM (3 RS-232, 1 RS-232/422/485)	
	Digital I/O	8-pin Digital I/O (DB-15 connector)	
Ethernet	Expansion	1 miniPCIe with SIM, 1 M.2 2230 A/E Key (Wifi & BT)	
	Controller	Dual GbE, 10/100/1000 Mbps (Intel i219V, i211AT)	
Audio	Chipset	Realtek High Definition Audio (HD)	
	Connector	Line out, Mic In	
Storage	M.2	Supports 1 M.2 B/M Key 2280	
	SATA III	Support 1 Internal 2.5" HDD/SSD (2nd HDD/SSD and RAID 0/1, Option)	
Power	Power Adaptor	Supports 9-36 V DC input	
	Connector Type	2-pin Terminal Block	
	Power Consumption (Typical)	1.22A @ 12V (14.68W)	
	Power Consumption (Max)	2.43A @ 12V (29.53W)	
	Battery	Lithium 3 V / 210 mA	
Environment	Operating Temperature	-20~60° C (-4~140° F) w/ Extended Operation Temp. RAM & 2.5" SSD	
	Storage Temperature	-40~85° C (-40~185° F)	
	Humidity	5~95% @ 40° C, non-condensing	
	Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis	
General	Certification	TBD	
	Ingress Protection	IP65 Protection, SECC front Bezel	
	Dimensions (L x W x H)	431 x 281 x 73.5 mm (16.97" x 11.06" x 2.89")	
	Weight	4.2 kg (9.25lb)	
Operating System	Windows 10 IoT		