

# P150-10AI

15" Panel PC

Intel® Apollo Lake Celeron Processor

## Feature

- 15" TFT LCD with 70,000 hrs backlight lifetime
- Front panel IP65-rated, fanless design
- Inside Intel® Apollo Lake-M N3350 Processor



Fanless Design



Dual LAN



2 COM port



IP65 (in front)  
dust & water  
resistant



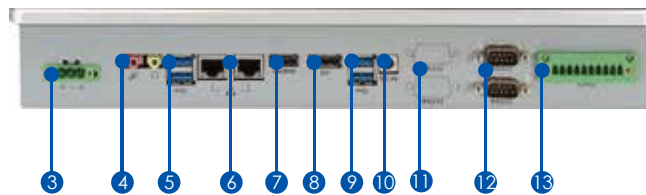
P-cap Touch  
(Air bounding  
with panel)



Full  
Regulation



## I/O Interface



- ① Power
- ② Reset
- ③ DC-in (terminal block)
- ④ Mic-in, Line-out
- ⑤ USB 3.0
- ⑥ Giga LAN
- ⑦ HDMI
- ⑧ DisplayPort
- ⑨ USB 3.0
- ⑩ DC-in (DC Jack)
- ⑪ COM (optional)
- ⑫ COM
- ⑬ 8bit GPIO

## Dimension (mm)



# P150-10AI

## Industrial Panel PC

# Industrial Panel PC

### LCD

Display Type	15" TFT-LCD
Max. Resolution	1024 x 768
Max. Colors	16.7M (8 bit/color)
Luminance (cd/m2)	300
Viewing Angle (H/V)	176°/176°
Led Backlight (Hours)	70,000

### TOUCH SCREEN

Type	P-CAP
Touch Screen	True-flat 10 points

### SYSTEM

PD10AI	Processor	Intel® Apollo Lake-M N3350 Processor Option: N4200	
	Chipset	Intel® SoC integrated	
	System Memory	DDR3L 1866 MHz, 2 x 204-pin SO-DIMM, Max. 8GB (Non-ECC)	
	Ethernet	2 x Intel® I211-AT Giga LAN	
	I/O Port		1 x DC in terminal block
			1 x DC Jack
			4 x USB3.0
			2 x RS232
			2 x RJ45
			1 x DisplayPort
			1 x HDMI
			1 x Mic-in, 1 x Line-out
		1 x 8bit GPIO terminal block	
	Watchdog Timer	1~255 steps by software program	
	Storage Disk Drive	1 x SATA 2.5" HDD/SSD bay	
Expansion Slot		1 x M.2 2280 B key	
		1 x M.2 2230 E key(PCIe / USB)	
Stereo Speaker	2 x 2W		
Os Support	Windows® 10 enterprise 1703		

### POWER REQUIREMENT

Power Input	DC 8 ~ 24V
Power Adapter	AC to DC, DC19V 65W adapter

### MECHANICAL

Dimension	TBD
Weight	TBD

### ENVIRONMENTAL

Operating Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Storage Humidity	10% ~ 95% @40°C non-condensing
Vibration Resistance	Operating Random Vibration Test 5 ~ 500Hz; 2Grms @with SSD, follow IEC 60068-2-64
Shock Resistance	Operating 10 G peak acceleration (11 ms duration), follow IEC 60068-2-27
EMC	CE, FCC Class B
Front Panel Protection	IP65 Compliant

## Ordering Information

### System I/O

Model Number	CPU	DisplayPort	HDMI	USB 3.0 / 2.0	GPIO	RS-232	LAN	Wifi / BT	Power
P150-10AI- N3350	N3350	1	1	4 / 0	1	2	2	Optional	8~24V
P150-10AI- N4200	N4200	1	1	4 / 0	1	2	2	Optional	8~24V

## Packing List

### Packing

• 1 x Motherboard	• 1 x 3 pin Terminal Block Power Connector	• 1 x US + EU Poower Cord
• 1 x Driver CD	• 1 x Power Adapter (19V, 65W, DC Jack Type)	• 1 x Quick Installation Guide
• 1 x Panel PC	• 1 x 10 pin Terminal Male Connector	• 1 x Screws kit