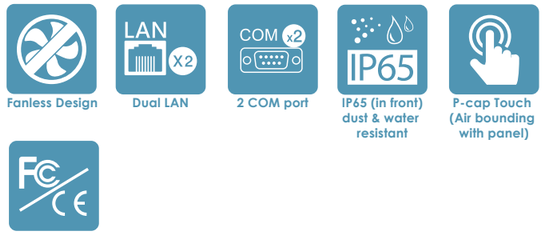
P210-10AI

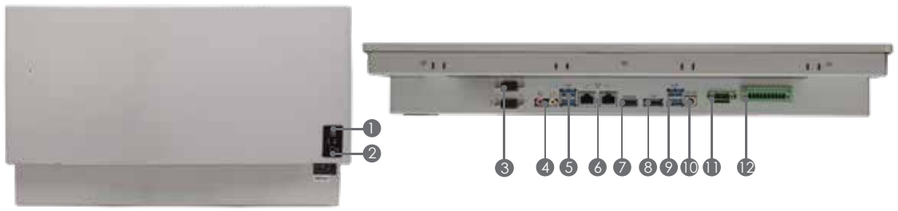
21.5" Panel PC / Intel® Apollo Lake Celeron Processor

Feature

- 21.5" TFT LCD with 30,000 hrs backlight life-time
- Front panel IP65-rated, fanless design
- Inside Intel® Apollo Lake-M N3350 Processor

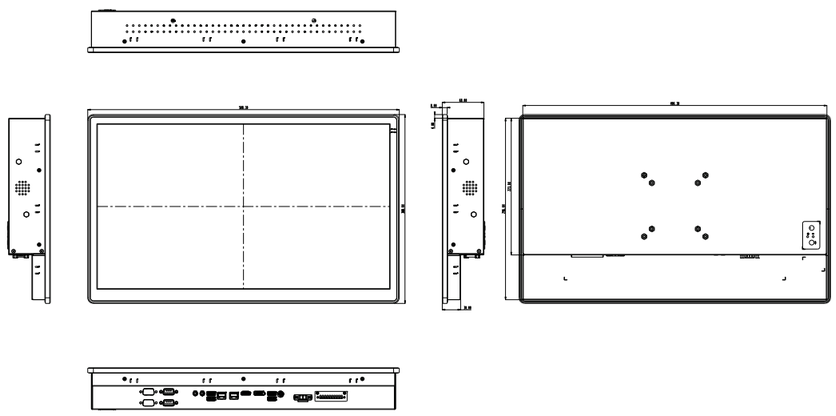


I/O Interface



1. Power
2. Reset
3. COM
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. DC-in (terminal block)
12. 8bit GPIO

Dimension (mm)



P210-10AI Industrial Panel PC

LCD		
Display Type		21.5" TFT-LCD
Max. Resolution		1920 x 1080
Max. Colors		16.7M (8 bit/color)
Luminance (cd/m2)		250
Viewing Angle (H/V)		170°/160°
Led Backlight (Hours)		30,000
Brightness		Option
TOUCH SCREEN		
Type		P-CAP
Touch Screen		True-flat 10 points
Brightness		Option
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		308.1 x 508.3 x 68mm (W X D X H)
Weight		TBD
Mounting		VESA 75/100mm / Panel Moun
ENVIRONMENTAL		
Operating Temperature		-10°C ~ 50°C
Storage Temperature		-20°C ~ 60°C
Storage Humidity		10% ~ 90% @40°C non-condensing
Vibration Resistance		Operating Random Vibration Test 5 ~ 500Hz; 2Grms @with SSD, follow IEC 60068-2-64
Shock Resistance		Operating 50 G peak (3 ms duration)
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
P210-10AI- N3350	N3350	1	1	4 / 0	1	2	2	Optional	8~24V
P210-10AI- N4200	N4200	1	1	4 / 0	1	2	2	Optional	8~24V

Packing List

Packing

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