

P156-10AI

15.6" Panel PC / Intel® Apollo Lake Celeron Processor

Feature

- 15.6" TFT LCD with 50,000 hrs backlight life-time
- True-flat touchscreen with projected capacitive
- 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



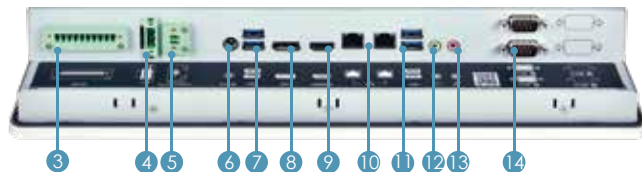
P-cap Touch
(Air bounding
with panel)



Full
Regulation

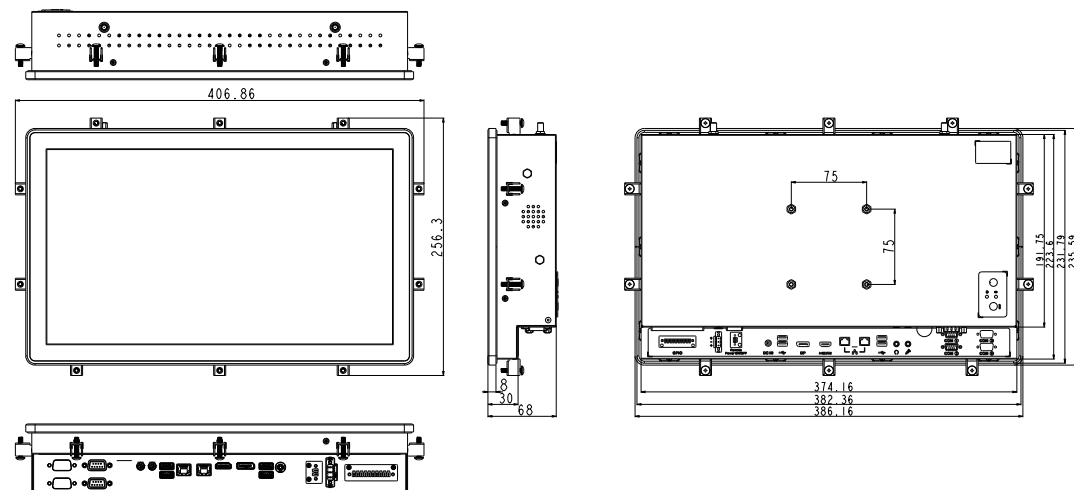


I/O Interface



- 1 Power
- 2 Reset
- 3 8bit GPIO
- 4 DC in
- 5 Remote power on/off
- 6 DC in
- 7 USB 3.0
- 8 DisplayPort
- 9 HDMI
- 10 LAN
- 11 USB 3.0
- 12 Line-out
- 13 Mic-in
- 14 COM

Dimension (mm)



P156-10AI Industrial Panel PC

LCD			
Display Type	15.6" TFT-LCD		
Max. Resolution	1920 x 1080		
Max. Colors	16.2M (8 bit/color)		
Luminance (cd/m2)	450		
Viewing Angle (H/V)	170°/170°		
Led Backlight (Hours)	50,000		
Brightness	Option		
TOUCH SCREEN			
Type	P-CAP		
Touch Screen	True-flat 10 points		
AR/AG	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	386.16 x 235.59 x 68mm (W X D X H)
Weight	TBD
Mounting	VESA 100mm / Panel Mount
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	
P156-10AI- N3350	N3350	1	1	4 / 0	1	2	2	Optional	8~24V	
P156-10AI- 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	