

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



ATOM
inside

CELERON
inside

PENTIUM
inside

Fanless Design

Dual LAN

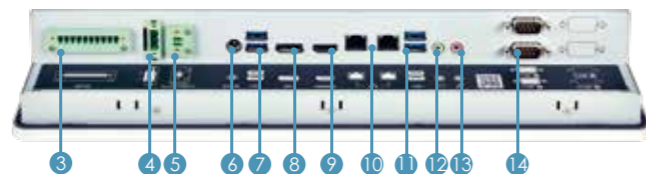
2 COM port

IP65 (in front)
dust & water
resistant

P-cap Touch
(Air bounding
with panel)

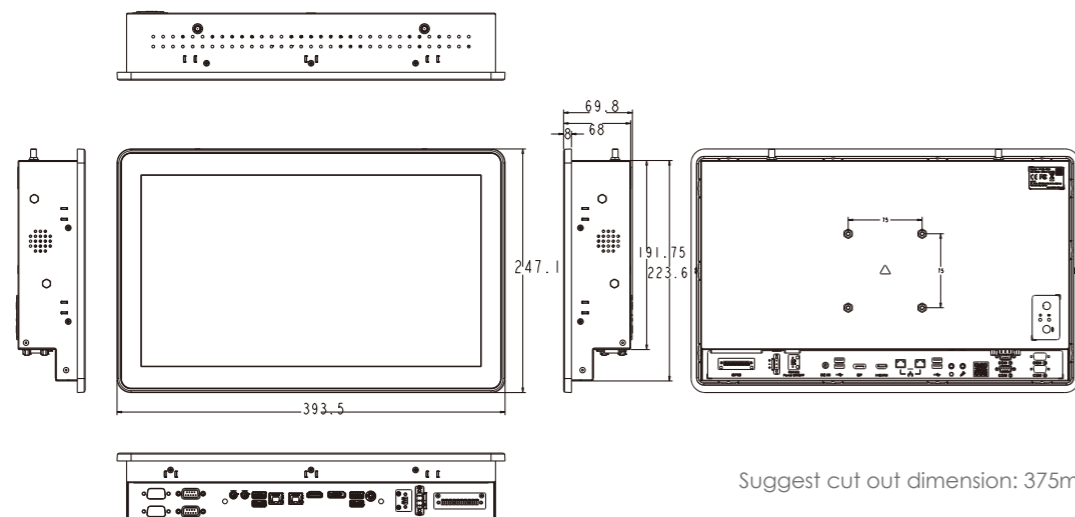
Full
Regulation

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)



Suggest cut out dimension: 375mm x 224mm



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	
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
Watchdog Timer	1 x Mic-in, 1 x Line-out
	1 x 8bit GPIO terminal block
Storage Disk Drive	1~255 steps by software program
Expansion Slot	1 x SATA 2.5" HDD/SSD bay
Stereo Speaker	1 x M.2 2280 B key
	1 x M.2 2230 E key (PCIe / USB)
Os Support	2 x 2W
	Windows® 10 enterprise 1703

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

MECHANICAL	
Dimension	386.2 x 235.6 x 68 mm (W X D X H)
Weight	TBD
Mounting	VESA 75mm / 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 Mounting kit	1 x 3 pin Terminal Block Power Connector	1 x US + EU Power Cord
1 x Panel PC	1 x Power Adapter (19V, 65W, DC Jack Type)	1 x Quick Installation Guide
1 x Screws kit	1 x 10 pin Terminal Male Connector	