



Features

- 11th Generation Intel® Core™ i3/i5 Processors
- 21.5" Full HD PCAP touch Panel PC with front IP-65 protection
- White casing & sleek light weight design fit clinical professional image
- 2 LAN, 4 USB, 2 DP++
- Design of service window for easy storage expansion



+12V ~+24V



PCAP multi-touch



Fanless



0°C ~40°C



Front IP65

Specifications

System Information

Processor	Intel® Core™ i5-1135G7 (up to 4.2GHz, quad-core, 8M Cache, TDP: 15W) Intel® Core™ i3-1115G4 (up to 3.0GHz, dual-core, 6M Cache, TDP: 15W)
System Memory	2 x 260-pin DDR4 3200 MHz SO-DIMM Supports Up to 64GB (Non-ECC Only)
I/O Chipset	EC ITE IT8528E
TPM	Onboard NuvoTon NPCT754AADYX support TPM 2.0

Expansion

Expansion	1x M.2 type B 3042/3052/2242/2260/2280 support WWAN+GNSS or NVMe SSD 1x M.2 Key E 2230 support WiFi module and CNVi (1x PCI-e x1 & USB 2.0 signal)
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Storage

Solid State Drive	1x 2.5" SATA III SSD
M.2	1x M.2 Key B slot for storage

Display

LCD Size	21.5"
Display Type	Full HD
Resolution	1920x1080
Pixel Pitch	248.25mm x 248.25mm
Luminance	250cd/m2
Contrast Ratio	3000:1
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)
Response Time	18 ms
Backlight	LED
Touch Light Transmission	87%
Touch Type	Projective capacitive multi-touch up to 10 points

I/O Ports

USB Port	3x USB 3.1 Gen 2, 1x USB 3.1 Gen 1
LAN Port	2x RJ45
Video Output	2x DP++
Switch	Power Switch
LED Indicator	Power Indicator

Audio

Audio Codec	Realtek ALC888S
Speaker Output	2 x 2W

Ethernet

LAN Chipset	1x Intel® I225IT; 1x Intel® I219LM
Ethernet Interface	10/100/1000 & 10/100/1000/2500 Base-Tx GbE compatible

Wireless Communication

WLAN	Optional Wi-Fi + Bluetooth module
Bluetooth	Optional Wi-Fi + Bluetooth module

Data Collection

Camera	Optional 2.0M AF camera
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Power Requirement

Power Mode	ATX/ AT
DC Input	+12V ~+24V
DC Input Connector	Power din plug
Adapter	Input: 100 ~240Vdc/ 50 ~60Hz Output: 90W 24V/3.75A adapter

Software Support

OS	Win10/11
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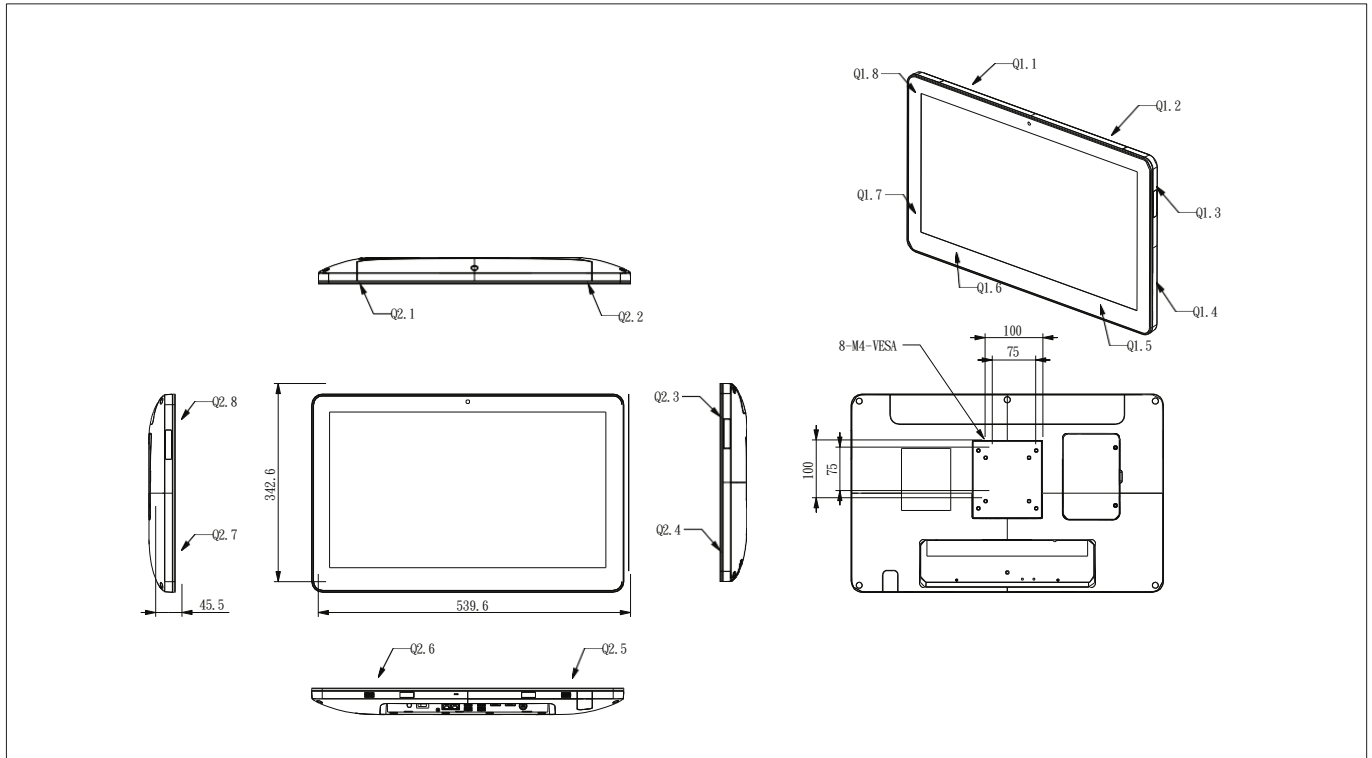
Certification

Certification Information	CE/ FCC class B/ VCCI
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Mechanical & Environmental

Dimension (mm)	539.6 x 342.6 x 45.2
Weight (kg)	6.3
Mounting	VESA 75 x 75/ 100 x 100 mm
Construction	Plastic
Color	White
Finishing	Anti-microbial
Operating Temp.	0°C ~40°C (32°F ~104°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Storage Temp.	-10°C ~ 60°C (14°F ~140°F)
System Fan	Fanless
Vibration Test	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD: 10Grms, IEC 60068-2-27, half sine, 11ms
IP Rating	Front IP65

Mechanical Drawing



Ordering Information

P/N	TouchType	Processor	Memory	Storage	PanelSize	Resolution	Luminance	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.
APC-2138-S15-A3R	PCAP	i3-1115G4E	4GB	N/A	21.5"	1920x1080	250	0/4/2	DPx2	+12V ~+24V	0°C~40°C
APC-2138-S45-A3R	PCAP	i5-1145G4E	4GB	N/A	21.5"	1920x1080	250	0/4/2	DPx2	+12V ~+24V	0°C~40°C

Packing List

Item	Quantity
APC-2138 Panel PC	1
90W Power Adapter	1

Optional Items

Item	P/N
WiFi/ BT Module Kit for APC	E971XAP2138002R
Camera Kit for APC-2138	E971XAP2138000R
EU Power Cord	E170203183DR
US Power Cord	E1702031835R
JP Power Cord	E17120318001R
UK Power Cord	E170P060370R

I/O Overview

