APC-2340

23.8" Ultra-Light Panel PC With Anti-microbial Coating For Clinical Environments

CE FC RoHS COMPLIANT UKCA VCI

Features

- [ ] Sleek light weight design
- [ ] 23.8" Full HD PCAP touch Panel PC
- [ ] Intel® 12th Gen Alder Lake-P Core™ i5/i3 Processor
- [ ] 2 LAN, 4 USB 3.0, 2 DP++
- [ ] 1x M.2 Key B for 4G/5G, 1x M.2 Key E for WIFI, 1x M.2 Key M for storage
- [ ] Optional Camera, NFC, WiFi
- [ ] CE/FCC/VCCI/UKCA

+12V ~+24V | PCAP multi-touch | Fanless | 0°C~40°C | Front IP65

Specifications

System Information

Processor	12th Generation Alder Lake Intel® Core™ i3-1215U Processor (10M Cache, up to 4.40 GHz, with IPU) 12th Generation Alder Lake Intel® Core™ i5-1235U Processor (12M Cache, up to 4.40 GHz, with IPU)
System Memory	2 x 262-pin DDR5 4800 MHz SO-DIMM Supports Up to 64GB (Non ECC Only)
I/O Chipset	EC iTE IT5782VG
TPM	2.0

Expansion

Expansion	1x M.2 Key B 3042/3052 for 4G/5G 1x M.2 Key E 2230 support WiFi module

Storage

Solid State Drive	1x 2.5" SATAIII SSD
M.2	1 x M.2 Key M 2280 (PCIe x4) slot for storage

Display

LCD Size	23.8"
Display Type	Full HD
Resolution	1920 x 1080
Pixel Pitch	274.5mm x 274.5mm
Luminance	250 cd/m2
Contrast Ratio	3000:1
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)
Response Time	16 ms
Backlight	LED
Touch Light Transmission	87%
Touch Type	Projective capacitive multi-touch up to 10 points

I/O Ports

USB Port	2 x USB 3.2 Gen2 (USB 1) 2 x USB 3.2 Gen1 (USB 2)
LAN Port	2 x RJ-45
Wireless LAN Antenna	2 x PCB Antenna
Video Output	2 x DP++

Audio

Audio Codec	RealTek ALC888S-VD2-G
Speaker Output	2 x 2W

Ethernet

LAN Chipset	1x Intel® I219LM; 1x Intel® I226LM
Ethernet Interface	10/100/1000 & 10/100/1000/2500 Base-Tx GbE compatible

Wireless Communication

WLAN	Optional Wi-Fi +Bluetooth 5.3 USB Module, Intel Wi-Fi 6E AX210
Bluetooth	Optional Wi-Fi +Bluetooth 5.3 USB Module, Intel Wi-Fi 6E AX210

Data Collection

NFC	Optional NFC module
Camera	Optional 5.0M AF camera

Power Requirement

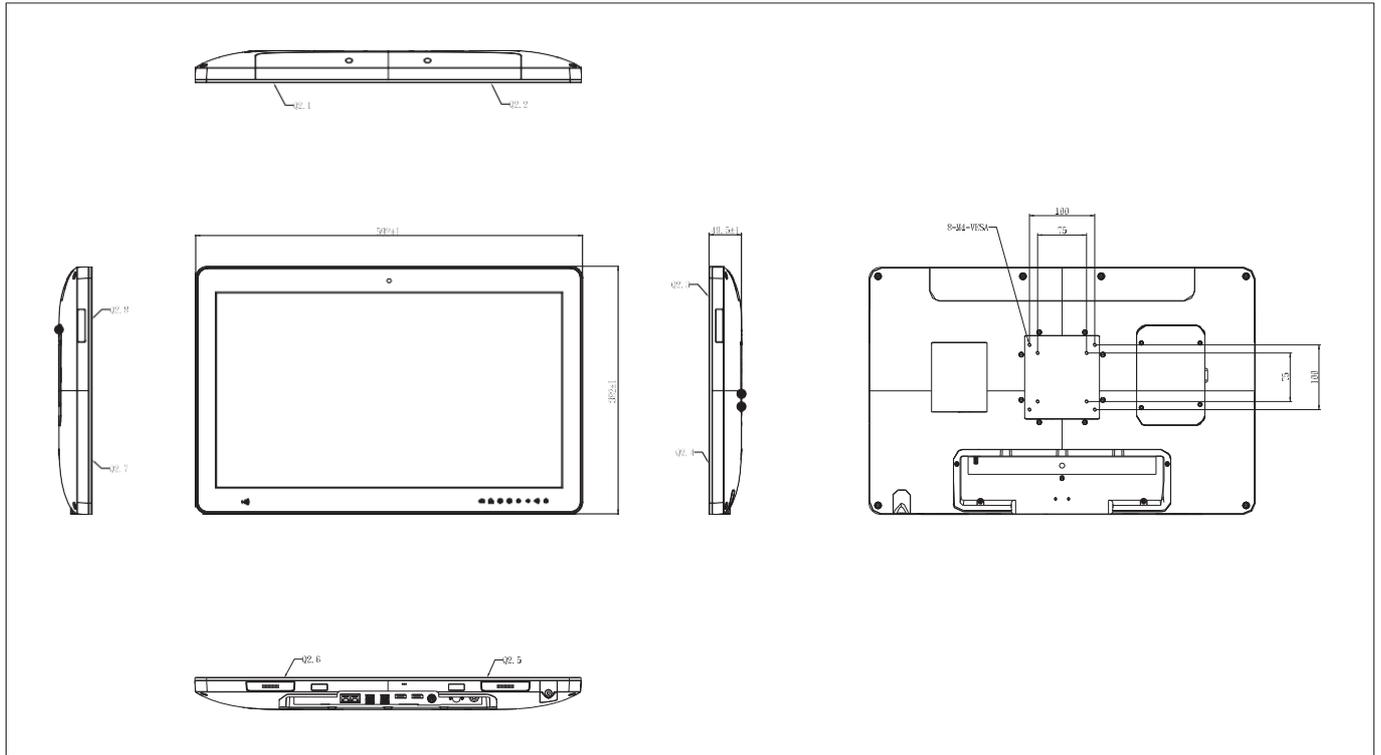|	
Power Mode	ATX/AT
DC Input	+12V ~+24V
DC Input Connector	Power din plug
Adapter	Input: 100 ~240Vdc/ 50 ~60Hz Output: 90W 24V/3.75A adapter

Software Support

OS	Win11/Linux

Certification

Certification Information	CE/ FCC class B/ VCCI/ UKCA

Mechanical & Environmental

Dimension (W x L x H)	592 x 382 x 49.5 mm
Weight	6.2 kg
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	1.5Grms, IEC 60068-2-64, random, 5 ~ 500Hz, 30min/axis
Shock Test	10Grms, IEC 60068-2-27, half sine, 11ms
IP Rating	Front IP65

APC-2340

Mechanical Drawing

Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Panel Size	Resolution	Luminance	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.
APC-2340-121-A2R	PCAP	i3-1215U	8GB	N/A	23.8"	1920 x 1080	250	0 / 4 / 2	DPx2	+12V ~ +24V	0°C~40°C
APC-2340-123-A2R	PCAP	i5-1235U	8GB	N/A	23.8"	1920 x 1080	250	0 / 4 / 2	DPx2	+12V ~ +24V	0°C~40°C

Packing List

Item	Quantity
APC-2340 Panel PC	1
90W Power Adapter	1

Optional Items

Item	P/N
WiFi/ BT Module Kit for APC	E971XAP2340001R
NFC Module	E971XAP2340003R
Camera Kit for APC-2340	E971XAP2340002R
EU Power Cord	E170203183DR
US Power Cord	E1702031835R
JP Power Cord	E17120318001R
UK Power Cord	E170P060370R

I/O Overview

Audio Combo Jack
Equipotential Terminal Pin
Power Button
DC-IN
DP1
DP2
USB1
USB2
LAN

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