

APC-2346

23.8" 14th Gen Intel® Core™ Ultra 5 Processor
Expandable Ultra light Multi-Touch Fanless Panel PC



Features

- Sleek light weight design
- 23.8" Full HD PCAP touch Panel PC
- Intel® 14th Gen Meteor Lake Core™ Ultr 5 Processor
- 2 x LAN, 5 x USB, 1 x HDMI
- 1 x M.2 Key E for WIFI
- Optional Camera, NFC, WiFi
- CE/ FCC/ VCCI/ UKCA



+12V ~ +24V



PCAP multi-touch



Fanless



0°C ~ 40°C



Front IP65

Specifications

System Information

Processor	14th Generation Meteor Lake Intel® Core™ Ultra 5 125U Processor (12M Cache, up to 4.30 GHz, with IPU)
System Memory	1 x 262-Pin DDR5 5600MHz SO-DIMM Socket Supports Up to 32GB
I/O Chipset	EC ITE IT5782VG
Watchdog Timer	H/W Reset: 1Sec. ~ 65535Sec./Min. and 1 Sec. or 1Min./Step
H/W Status Monitor	CPU Temperature Monitoring Voltage Monitoring CPU Fan Speed Control
TPM	Onboard nuvoTon NPCT760AABYX support TPM 2.0
SBC	EMX-MTLP

Expansion

Expansion	1 x M.2 Key E 2230 support WiFi module
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Storage

Storage	2.5" SATA3 SSD
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Audio

Audio Codec	Realtek ALC888S HD Audio Decoding Controller
Speaker Output	2 x 2W

Ethernet

LAN Chipset	1 x Intel® i226LM 2.5 Gigabit Ethernet Controller 1 x Intel® i226V 2.5 Gigabit Ethernet Controller
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Power Requirement

DC Input	+12V~+24V
DC Input Connector	DC Jack with Lock
Power Mode	ATX / AT

Software Support

OS	Win11 / Linux
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Certification

Certification Information	CE/ FCC class A / VCCI/ UKCA
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Panel

LCD Size	23.8"
Display Type	Full HD
Resolution	1920 x 1080
Pixel pitch	274.5mm x 274.5mm
Luminance	250 cd/m ²
Contrast ratio	3000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)

Response time	16ms
Backlight	LED
Touch Type	Projective capacitive multi-touch up to 10 points
Touch Controller	EETI EXC81H5680
External I/O	
USB Port	3 x USB 3.2 Gen2 (1 from Type C) 2 x USB 3.2 Gen1
LAN Port	1 x Intel® i226LM 2.5 Gigabit Ethernet Controller 1 x Intel® i226V 2.5 Gigabit Ethernet Controller
Wireless LAN Antenna	2 x PCB Antenna
COM Port	2 x RS22/485 (JCOM1 and JCOM2, need to modify BIOS Setup settings and change pin header & cable)
Display Port	1 x HDMI
Switch	Power switch
DC Input	DC in Jack

Data Communication

WLAN	Optional Wi-Fi + Bluetooth 5.0 USB Module, Intel Wi-Fi 6E AX210
Bluetooth	Optional Wi-Fi + Bluetooth 5.0 USB Module, Intel Wi-Fi 6E AX210

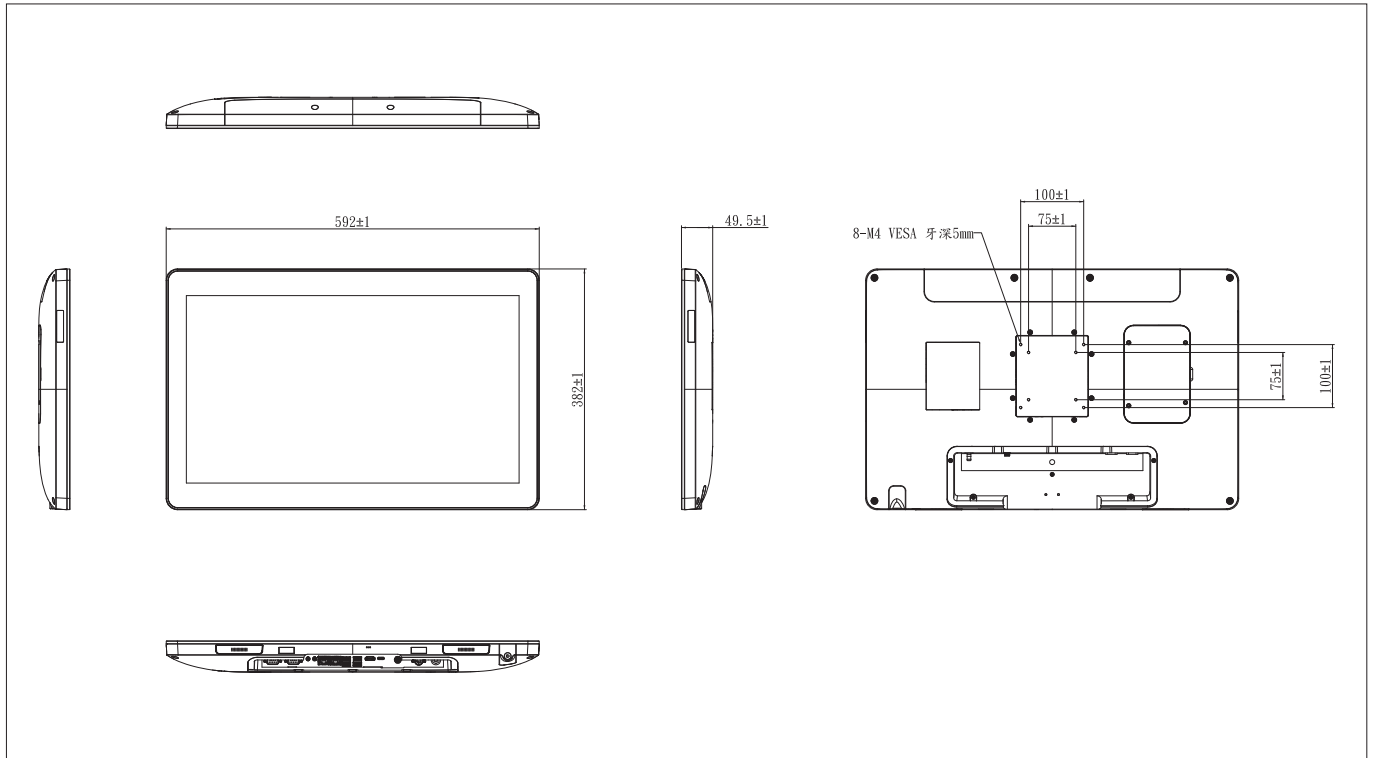
Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-10°C ~ 60°C (14°F ~ 140°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	592 x 382 x 49.5mm
Weight	6.7 kg
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
Mounting Kit	VESA 75 x 75, 100 x 100
System Fan	Fanless
Construction - Front	Plastic- black or white
Construction - Rear	Plastic- black or white

Component

Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W adapter (24V @ 3.75A adapter) AC-DC adapter
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Mechanical Drawing



Ordering Information

P/N	Color	Touch Type	Processor	Memory	Storage	Resolution	Luminance	COM	USB	LAN	Power Input	Working Temp.	OS Support
APC-2346-125-A1R	Black	PCAP	Ultra5 125U	8GB	N/A	1920 x 1080	250	2	4	2	+12V ~ +24V	0°C ~ 40°C	Win 11
APC-2346-125-A2R	White	PCAP	Ultra5 125U	8GB	N/A	1920 x 1080	250	2	4	2	+12V ~ +24V	0°C ~ 40°C	Win 11

Packing List

Item	P/N	Quantity
AC/DC adapter 24V/3.75A PWR DC Plus with lock	ACC-ADP-090N-13R	1
Screw for VESA M4x6 x4pcs	ACC-SCREW-0002R	1
Screw for HDD M3x4 x4pcs	ACC-SCREW-0003R	1

Optional Items

Item	P/N
EU Power Cord	E1702031000R
US Power Cord	E1702031833R
JP Power Cord	E1702031834R
UK Power Cord	E170P060380R

I/O Overview

