



Features

- 13.3" Full HD PCAP touch
- Onboard Intel Alder Lake-N Processor
- 4 Bottom USB, 2 Side USB, 1 USB Type C
- 1 COM, 2 2.5G LAN
- 1 x M.2 type E for WiFi, 1 x M.2 type B for storage
- Optional WiFi/ Bluetooth
- 5W speaker x 2
- Tri-color corner LED light indicator
- IP65 front, IPX1 rear
- Medical UL



12 ~ 36V



PCAP
multi-touch



Fanless



Medical
Grade



Front IP65
Back IPX1

Specification

System Information

Processor	Intel® Alder Lake-N Processor Intel® Processor N97, 6M Cache, up to 3.60 GHz (12W)
CPU Cooler (Type)	Passive
System Memory	1 x 262-pin DDR5 4800MHz SO-DIMM socket, supports up to 16GB
I/O Chipset	EC-ITE: IT5782VG
Watchdog Timer	H/W reset, 1sec. ~ 65535sec./min. 1sec. or 1min. step
H/W Status Monitor	CPU & system temperature monitoring and voltages monitoring
TPM	TPM 2.0

Expansion

Expansion	1 x M.2 (Key-B, 2242/3042/3052, SATA only) 1 x M.2 (Key-E, 2230, PCIe1, USB2.0)
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Storage

M.2	1 x M.2 Key-B 2242/3042/3052 for M.2 SATAIII SSD
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Audio

Audio Codec	Realtek ALC888S
Speaker Output	2 x 5W

Power Requirement

DC Input	+12V ~ +36V
Power Mode	AT/ATX (ATX is default setting)
DC Input Connector	Lockable DC Jack

Software Support

OS	Win 10/11, Linux
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Certification

Certification Information	CE : IEC/EN60601-1-2 FCC : Part 15 class B UL60601-1
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External I/O

USB Port	4 x USB 3.2 at bottom 2 x USB 3.0 at side 1 x USB Type C (PD Output 5V/3A 15W, USB, display function)
COM Port	1 x DB-9 COM1 RS-232 (default)/422/485, selectable by BIOS & JUPMER, RS-485 supports Auto Flow, Pin-9 selected by JUPMER for Ring (default)/+5V/+12V
LAN Port	2 x Intel® i226LM 2.5 Gigabit Ethernet
Indicator light	HDD LED (Yellow), Power LED (Green)

Panel

LCD Size	13.3"
Resolution	1920 x 1080
Luminance	300 cd/m ²
Display Type	Full HD
Pixel Pitch	0.153 x 0.153
Contrast Ratio	600
Response Time	27 ms
Viewing Angle	89 (U), 89 (D), 89 (L), 89 (R)
Touch Type	Projective capacitive multi-touch up to 10 points
Touch Controller	EETI
Touch Light Transmission	85%
Backlight	LED

Wireless Communication

Bluetooth	Optional Wi-Fi + bluetooth 5.0 USB module (Intel Wi-Fi 6E AX210 with PCB Antenna)
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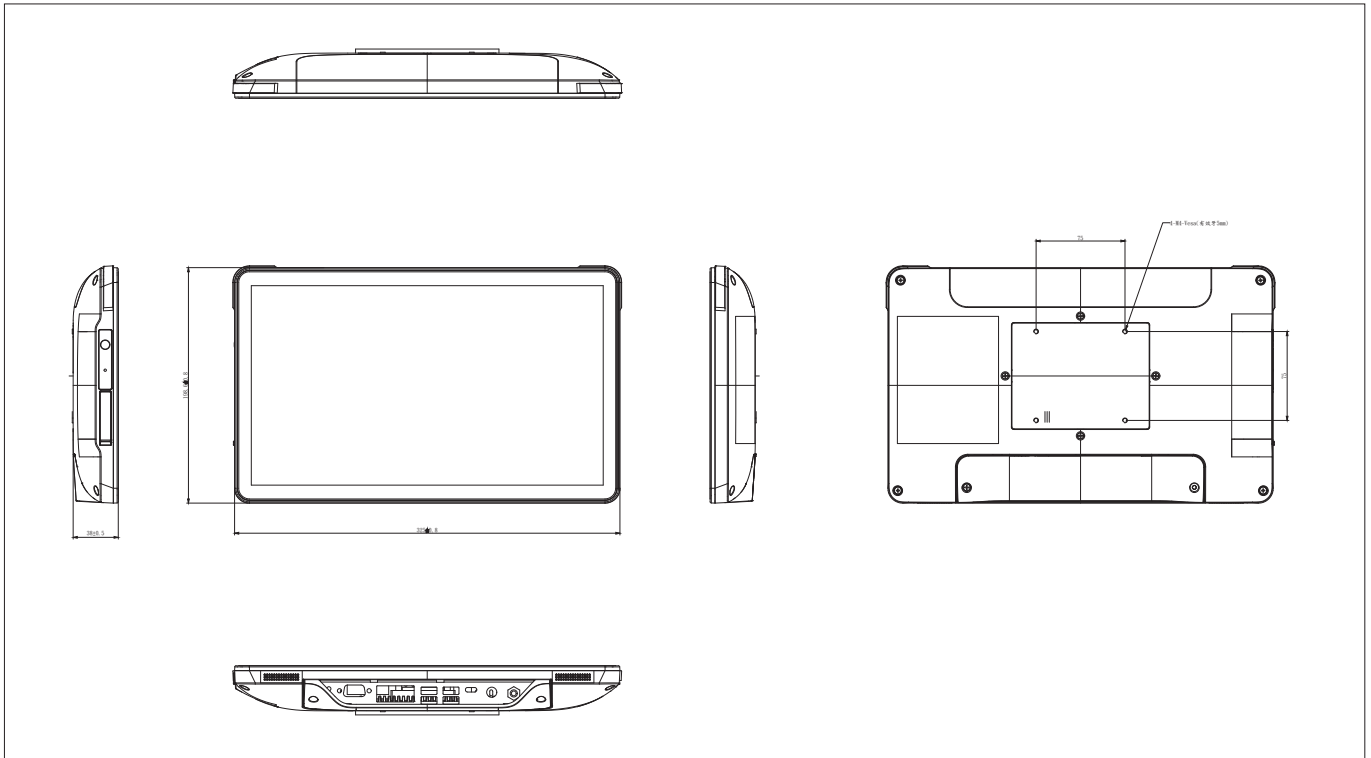
Mechanical & Environmental

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)	198 x 325 x 38 mm
Weight	1.8 kg
VESA	75 x 75 mm
IP Rating	IP65 front, IPX1 rear
Construction - Rear	White Plastic
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
Drop Test	Package drop test Reference ISTA 2A, method : IEC-60068-2-32 Test:Ed Test Ea : drop test
System Fan	Fanless
Fanless	Yes

Component

Adapter	72W (24V/3A) medical adapter EDAC EM10686V
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Mechanical Drawing



Ordering Information

P/N	Touch Type	Processor	Memory	Storage	Resolution	Luminance	COM	USB	LAN	Power Input	Working Temp.	OS Support
HID-1337-N97-A1R	PCAP	N97	8GB	1 x M.2 Key B storage	1920 x 1080	300	1	4 x USB 3.2 2 x USB 3.0 1 x USB Type C	2	+12V ~ +36V	0°C ~ 40°C (32°F ~ 104°F)	Win10, Win11, Linux

Packing List

Item	P/N	Quantity
AC/DC adapter 24V/3A 72W, Medical, Screw Type	ACC-ADP-072M-01R	1
Screw for VESA	ACC-SCREW-0002R	1

Optional Items

Items	P/N
WiFi module KIT for HID-1337	E971XH12340003R
USB RFID Dongle	RCC-USB-RFID-01R
HID White Stand VESA 100 x 100/ 75 x 75	ACC-ARM-D55R
EU Power Cord	E1702031000R
US Power Cord	E1702031833R
JP Power Cord	E170203183CR
UK Power Cord	E170P060380R
AU Power Cord	E1702031831R
CN Power Cord	E170P060391R

I/O Overview

