

# HID-1540

## 15.6" Alder Lake Medical Panel PC



### Product Features

- Sleek light weight design
- Socketed Intel® 12th Gen Alder Lake-PS Core™ i7/i5/i3 Processor
- 1 x M.2 Key B 3042/3052/2280, 1 x M.2 Key E for WIFI, 1 x M.2 Key M for storage
- Optional Webcam/ WIFI/ NFC
- 15.6" Full HD PCAP touch
- 1 COM, 2 LAN, 1 USB 2.0, 3 USB 3.0, 1 USB Type C
- Programmable LED light bar on both sides
- CE/FCC/Medical UL

### Specification

System Information	
Processor	12th Generation Intel® Core™ i7/i5/i3 Processor
Platform Controller Hub	Integrated in Processor (SOC)
System Memory	1 x 262-pin DDR5 4800MHz SO-DIMM socket, supports up to 32GB Max (Min 8GB)
I/O Chipset	IT5782VG
Watchdog Timer	H/W Reset, 1sec. – 65535sec./min.1sec. or 1min. step
H/W Status Monitor	CPU temperature monitoring voltage monitoring
SBC	HID-2340 mother board
TPM	Onboard NuvoTon NPCT754AADYX support TPM 2.0
Expansion	
Expansion	1 x M.2 Key B 3042/3052/2280 1 x M.2 Key E for WIFI

## Storage

**Storage** 1 x M.2 Key M storage (optional)

## Audio

**Audio Interface** Audio combo jack

**Audio Codec** Realtek ALC888S

**Speaker Output** 2 x 5W

## Ethernet

**LAN Chipset** 1 x Intel® I225LM  
1 x Intel® I226LM

**Ethernet Interface** 10/100/1000/2500 Base-Tx GbE compatible

**LAN Port** 2 x RJ-45

## Power Requirement

**Adapter** Medical grade  
Input: 100-240V~, 2.0-1.0A, 50-60Hz  
Output: 19V 4.73A 90W

**Power Mode** AT/ATX (ATX is default setting)

**DC Input Connector** Lockable DC Jack

**DC Input** +12V~+24V

## Software Support

**OS** Win10 / Win11 / Linux

## Certification

**Certification Information** CE : IEC/EN60601-1-2 FCC : Part 15 Class B UL60601-1

## External I/O

**Wireless LAN** Optional 802.11abgn+acR2+axR2 Wi-Fi 6E BT5.2

## Panel

**LCD Size** 15.6"

**Display Type** Full HD

**Resolution** 1920 x 1080

**Pixel pitch** 0.17925 x 0.17925mm

Luminance	300 cd/m <sup>2</sup>
Contrast ratio	1000
Viewing angle	89(U), 89(D), 89(L), 89(R)
Response time	25 ms
Backlight	LED
Touch Type	Projective capacitive multi-touch up to 10 points
Touch Light Transmission	85%
Touch Controller	USB touch (EETI)

## I/O

COM Port	1 x RS-232/422/485
USB Port	1 x USB 2.0 3 x USB 3.0 1 x USB Type C

## Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.8 kg
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 Back IP54
VESA	75x75, 100x100
Dimension (W x L x H)	400 x 263 x 42.5mm
System Fan	Fanless
Construction - Front	White Plastic
Construction - Rear	White Plastic
Finishing	Anti-Microbial
Fanless	Yes
Color	White

**Ordering Information**

HID-1540-123-A1R  
HID 15.6/i5-1235UL/8GRAM/4USB/2LAN/COM/TYPEC/CAM/Audio/SPK/LED/adapter

E971XHI1540000R  
WiFi module KIT for HID-1540

ACC-ARM-D41R  
VESA Stand 75/100 CA-MT01-07 White

Power Cord:

EU E170203183DR

US E1702031835R

JP E170203183BR

UK E170P060370R

AU E170P060392R

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