

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 x COM, 2 x LAN, 1 x USB 2.0, 3 x USB 3.2, 1 x USB Type C
- Programmable LED light bar on both sides
- CE/FCC/Medical UL

Specification

System Information	
SBC	HID-2340 mother board
Processor	12th Generation Intel® Core™ i7/i5/i3 Processor
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
TPM	Onboard NuvoTon NPCT754AADYX support TPM 2.0
Platform Controller Hub	Integrated in Processor (SOC)

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 2280 (PCI-e x4 Gen4 x4) Or 1 x Key B 2242 (SATA)
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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

DC Input	+19V
Power Mode	AT/ATX (ATX is default setting)
DC Input Connector	Lockable DC Jack

Software Support

OS	Win10 / Win11 / Linux
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Certification

Certification Information	CE (MDR): IEC/EN 60601-1 (Safety), IEC/EN 60601-1-2 (EMC) IEC 60601-1-8 Compliance FCC: Part 15 Class B UL / cUL: IEC/EN/ANSI/AAMI 60601-1 CB Scheme: IEC/EN 62368-1 CCC
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External I/O

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

LCD Size	15.6"
Resolution	1920 x 1080
Luminance	300 cd/m2

Display Type	Full HD
Pixel pitch	0.17925 x 0.17925mm
Contrast ratio	1000
Response time	25 ms
Viewing angle	89(U), 89(D), 89(L), 89(R)
Touch Type	Projective capacitive multi-touch up to 10 points
Touch Controller	USB touch (EETI)
Touch Light Transmission	85%
Backlight	LED

I/O

USB Port	1 x USB 2.0, 3 x USB 3.2 1 x USB Type C
COM Port	1 x RS-232/422/485

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
Dimension (W x L x H)	400 x 263 x 42.5mm
Weight	2.8 kg
VESA	75x75, 100x100
IP Rating	Front IP65 Back IPX1
Construction - Front	White Plastic
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
Color	White
System Fan	Fanless
Fanless	Yes
Finishing	Anti-Microbial

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