

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

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|-----------|--|
| 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 ² |
| 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 |

