



HID-2138 21.5" Tiger Lake Medical Panel PC

- > 21.5" FHD Display with PCAP Multi-Touch
- > Intel 11th gen Tiger Lake U Core Processor
- > Front Panel IP65
- > Fanless Design
- > Ultra-Slim Design
- > Optional NFC
- > Optional Webcam
- > Optional Handset

Spec

| -System Information- | |
|----------------------------------|--|
| Processor | 11th Generation Intel® Core™ i7/i5/i3/Celeron Processor |
| Platform Controller Hub | integrated in Processor (SOC) |
| System Memory | Two 260-pin DDR4 3200 MHz SO-DIMM socket, supports up to 64GB Max |
| I/O Chipset | IT8528E |
| Watchdog Timer | H/W Reset, 1sec. – 65535sec./min.1sec. or 1min. step |
| H/W Status Monitor | CPU temperature monitoring System temperature monitoring VCORE voltage monitoring VIN voltage monitoring |
| TPM | Onboard NuvoTon NPCT754AABYX support TPM 2.0 |
| SBC | HID-2138 Mother Board |
| Expansion | |
| Expansion | 1 x Low Profile PCIe 1 x M.2 for 4G/5G |
| Storage | |
| Storage | 1 x M.2 Storage |
| Panel | |
| LCD Size | 21.5" |
| Display Type | Full HD |
| Resolution | 1920 x 1080 |
| Pixel pitch | 0.24795 (H) x 0.24795 (V) |
| Luminance | 250 cd/m ² |
| Contrast ratio | 1000 |
| Viewing angle | 89(U), 89(D), 89(L), 89(R) |
| Response time | 22ms |
| Backlight | LED |
| Touch Type | Projective Capacitive |
| Touch Light Transmission | 86% |
| Touch Controller | USB touch (EETI EXC3188) |
| I/O | |
| USB Port | 2 x USB 2.0 2 x USB Type C (USB 3.1/Display/PD 3.0 15V) |
| COM Port | 1 (Optional) |
| SATA | 1 x SATA III |
| Other | Dual LED Reading Light Bar I/O Cover Optional Handset & 1D Barcode Scanner |
| Audio | |
| Audio Codec | Realtek ALC888S |
| Speaker Output | 2 x 2W |
| Certifications | |
| Certification Information | CE : IEC/EN60601-1-2 FCC : Part 15 Class B UL60601-1 |
| Ethernet | |
| LAN Chipset | 1 x Intel® I219LM 1 x Intel® I225LM or I226LM |

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| Ethernet Interface | 10/100/1000/2500 Base-Tx GbE compatible |
|------------------------------|---|
| LAN Port | 2 x RJ-45 |
| Power Requirement | |
| DC Input Connector | Lockable DC Jack, +12V~+26V |
| Power Mode | AT/ATX (ATX is default setting) |
| Adapter | Medical grade Input: 100~240 Vac/50~60Hz; Output: 90W Adapter (19V/4.74A Adapter) |
| Mechanical & Environmental | |
| Operating Temperature | 0°C ~ 40°C (32°F ~ 104°F) |
| Storage Temperature | -30°C ~ 70°C (-22°F ~ 158°F) |

| | |
|------------------------------|--|
| Operating Humidity | 0% ~ 90% Relative Humidity, Non-condensing |
| Dimension (W x L x H) | 539.6 x 342.6 x 45.2 mm |
| Weight | 6.0 Kgs |
| 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 |
| System Fan | Fanless |
| Construction - Front | White Plastic |
| Construction - Rear | White Plastic |
| Finishing | Anti-Microbial |
| Fanless | Yes |
| Color | White |
| Software Support | |
| OS Information | Win10 64bit, Win11, Linux |
| Ordering Information | |
| Ordering Information | HID-2138-114-A1R HID 21.5/15-1145G7E/8GRAM/NFC/2USB/2USBTypeC/2LAN, 19V Medical Adapter RCC-HID-WIFI-01R WIFI Dongle for HID-2138 RCC-HID-BCSCAN-01R Barcode Scanner Kit for HID Series ACC-ARM-D41R VESA Stand 75/100 CA-MT01-07 White ACC-ARM-D49R HID Black Stand VESA 100x100/ 75x75 Power Cord: EU E170203183DR US E1702031835R JP E170203183BR UK E170P060370R AU E1702031800R |