



**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**

<b>-System Information-</b>	
<b>Processor</b>	11th Generation Intel® Core™ i7/i5/i3/Celeron Processor
<b>Platform Controller Hub</b>	integrated in Processor (SOC)
<b>System Memory</b>	Two 260-pin DDR4 3200 MHz SO-DIMM socket, supports up to 64GB Max
<b>I/O Chipset</b>	IT8528E
<b>Watchdog Timer</b>	H/W Reset, 1sec. – 65535sec./min.1sec. or 1min. step
<b>H/W Status Monitor</b>	CPU temperature monitoring System temperature monitoring VCORE voltage monitoring VIN voltage monitoring
<b>TPM</b>	Onboard NuvoTon NPC1754AABYX support TPM 2.0
<b>SBC</b>	HID-2138 Mother Board
<b>Expansion</b>	
<b>Expansion</b>	1 x Low Profile PCIe 1 x M.2 for 4G/5G
<b>Storage</b>	
<b>Storage</b>	1 x M.2 Storage
<b>Panel</b>	
<b>LCD Size</b>	21.5"
<b>Display Type</b>	Full HD
<b>Resolution</b>	1920 x 1080
<b>Pixel pitch</b>	0.24795 (H) x 0.24795 (V)
<b>Luminance</b>	250 cd/m <sup>2</sup>
<b>Contrast ratio</b>	1000
<b>Viewing angle</b>	89(U), 89(D), 89(L), 89(R)
<b>Response time</b>	22ms
<b>Backlight</b>	LED
<b>Touch Type</b>	Projective Capacitive
<b>Touch Light Transmission</b>	86%
<b>Touch Controller</b>	USB touch (EETI EXC3188)
<b>I/O</b>	
<b>USB Port</b>	2 x USB 2.0 2 x USB Type C (USB 3.1/Display/PD 3.0 15V)
<b>COM Port</b>	1 (Optional)
<b>SATA</b>	1 x SATA III
<b>Other</b>	Dual LED Reading Light Bar I/O Cover Optional Handset & 1D Barcode Scanner
<b>Audio</b>	
<b>Audio Codec</b>	Realtek ALC888S
<b>Speaker Output</b>	2 x 2W
<b>Certifications</b>	
<b>Certification Information</b>	CE : IEC/EN60601-1-2 FCC : Part 15 Class B UL60601-1
<b>Ethernet</b>	
<b>LAN Chipset</b>	1 x Intel® I219LM 1 x Intel® I226LM

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

<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	539.6 x 342.6 x 45.2 mm
<b>Weight</b>	6.0 Kgs
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>IP Rating</b>	Front IP65
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	White Plastic
<b>Construction - Rear</b>	White Plastic
<b>Finishing</b>	Anti-Microbial
<b>Fanless</b>	Yes
<b>Color</b>	White
<b>Software Support</b>	
<b>OS Information</b>	Win10 64bit, Win11, Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	HID-2138-114-A1R HID 21.5/i5-1145G7E/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

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