

## Features

- 21.5" FHD Display, PCAP Multi-Touch
- 11th Gen Intel® Core™ i5-1145G7E Processor, Tiger Lake Platform
- IP65 Front Panel
- Fanless Operation
- Ultra-Slim Design
- Optional NFC
- Optional Webcam
- Optional Handset



## Specifications

System	
CPU	11th Generation Intel® Core™ i5-1145G7E Processor, Tiger Lake Platform
System Chipset	Integrated in Processor (SOC)
System Memory	2 x 260-pin SODIMM sockets support DDR4 3200MHz up to 64GB
I/O Chip	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
Expansion	1 x Low Profile PCIe 1 x M.2 for 4G/5G
Storage	1 x M.2 Storage
TPM	TPM 2.0
OS Information	Win 10 64-bit, Win 11, Linux
Panel	
LCD Size	21.5" Full HD
Resolution	1920x1080
Pixel Pitch	0.24795 (H) x 0.24795 (V)
Contrast Ratio	1000
Luminance	250 cd/m <sup>2</sup>
Viewing Angle	89(U), 89(D), 89(L), 89(R)
Response Time	22ms
Backlight	LED
Touch Light Transmission	86%
Touch Type	Projective Capacitive
Touch Controller	USB touch

Audio	
Chipset	Realtek HD Audio
Speaker Output	2 x 2W
Ethernet	
Chipset	1 x Intel® Ethernet Controller I219-LM 1 x Intel® Ethernet Controller I225-LM/I226-LM
Interface	10/100/1000/2500 Base-Tx GbE Compatible
LAN Port	2 x RJ45
External I/O	
USB	2 x USB 2.0 2 x USB Type C (USB 3.1/Display/PD 3.0 15V)
LAN	2 x RJ45
COM	Optional 1 x RS232/422/485
Audio	Line-Out + Mic-in (Combo Jack)
DC-in	DC-in
Power Requirement	
Power 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 and Environment

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
IP Rating	Front IP65
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
Construction	Front: White Plastic Rear: White Plastic
Finishing	Anti-Microbial
Color	White
Certifications	CE : IEC/EN60601-1-2 FCC : Part 15 Class B UL60601-1
Dimension	21.25" x 13.49" x 1.78" (539.6 x 342.6 x 45.2 mm)
Weight	13.23lbs (6.0 Kgs)

## Ordering Info

HID-2138-i5	21.5" FHD PCT Panel PC, Intel Core i5-1145G7E, Medical Grade, White Plastic Antibacterial, 8GB MMY, 2 x USB A, 2 x USB C, 2 LAN, NFC, SPK, Power Adapter
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\* All product specifications and images are subject to change without notice. Last update: 08/23/2023



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