



HID-2340

23.8" Medical Panel PC

- > Sleek light weight design
- > 23.8" Full HD PCAP touch
- > Socketed Intel® 12th/ 13th Gen Core™ i7/i5/i3 Processor
- > 1 COM, 2 LAN, 1 USB 2.0, 3 USB 3.0, 1 USB Type C
- > 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
- > 5-kv Isolation USB/ COM/ LAN ports by IET module
- > Optional Webcam/ WIFI/ NFC/ Barcode Scanner/ Handset
- > CE/FCC/Medical UL

+ Spec

-System Information-	
Processor	12th/ 13th Generation Intel® Core™ i7/i5/i3/Celeron Processor
Platform Controller Hub	integrated in Processor (SOC)
System Memory	One 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
SBC	HID-2340 Mother Board
Expansion	
Expansion	1 x M.2 Key B 3042/3052/2280 1 x M.2 Key E for WIFI 1 x IET expansion
Storage	
Storage	1 x M.2 Key M storage (optional) 1 x 2.5" SSD (optional)
External I/O	
Wireless LAN	Optional 802.11abgn+acR2+axR2 Wi-Fi 6E BT5.2
Panel	
LCD Size	23.8"
Display Type	Full HD
Resolution	1920 x 1080
Pixel pitch	274.5 x 274.5
Luminance	250 cd/m ²
Contrast ratio	3000
Viewing angle	89(U), 89(D), 89(L), 89(R)
Response time	16ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	85%
Touch Controller	USB touch (EETI H8851A)
I/O	
USB Port	1 x USB 2.0 3 x USB 3.0 1 x USB Type C (Output for USB 3.1 & Display, 5V/3A 15W, No power receiving function) 1 x Isolation 5-kV USB1.1 (by IET module)
COM Port	1 x RS-232/422/485 1 x Isolation 5-kV RS-232/422/485 (by IET Module)
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® I225LM 1 x Intel® I226LM 1 x Isolation 5-kV Intel® I210AT (by IET Module)
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~+24V
Power Mode	AT/ATX (ATX is default setting)

Adapter	Medical grade Input: 100-240V~, 2.0-1.0A, 50-60Hz Output: 120W Adapter (24V/5A 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
Weight	TBD
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
Dimensions(W x L x D)	TBD
Dimension (L x W)	TBD
System Fan	Fanless
Construction - Front	White Plastic
Construction - Rear	White Plastic
Finishing	Anti-Microbial
Fanless	Yes
Color	White
Software Support	
OS Information	Win10 64bit, Linux