

# Multi-touch Medical Panel PC

21.5" Slim design Multi-touch Medical Panel PC  
with 1080P Display with PCAP Multi touch

Model: VMC21500



## FEATURES:

- 21.5" 16:9 1080P Display with PCAP Multi touch
- Onboard 6thGen. Intel® Core™ i7/ i5 / i3/ Celeron Processor
- Support 1x 260 pin SO-DIMM up to 16GB DDR4 SDRAM
- Anti-Microbial Finish
- 4x USB3.0, 1x RS-232/422/485, 1x RS-232, 2x Intel® Gigabit LAN
- Dual LED Reading Light Bar
- Stylish Front OSD keypad touch control button
- Front Panel IP65 & Fanless Design
- Ultra-slim design only at 45.5mm thickness
- Isolation USB/ COM/ LAN ports by IET module
- Optional Handset with Barcode Scanner/ MSR/ SCR/ NFC/ RFID module
- Optional WIFI/ BT v4.0 and Li-ion smart battery pack

## SPECIFICATION:

System	
Processor	6th Generation Intel® Core™ i7/i5/i3/Celeron Processor
System Chipset	integrated in Processor (SOC)
System Memory	1 x 260-pin DDR4 SODIMM (non ECC) support up to 16GB
I/O Chip	EC IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor	Monitoring System Temperature & Voltage
TPM	Infineon TPM 2.0 (by optional)
SBC	ARC-SKLU

Expansion	
Expansion	1 x Full size mini PCIe slot (for mSATA & PCIe & USB2.0 signal)

Storage	
Storage	1 x 2.5" Drive Bay



I/O	
<b>USB</b>	4 x USB 3.0 2 x USB 2.0 (by pin header) 1 x Isolation USB2.0 (by IET module)
<b>SATA</b>	1 x SATA III
<b>COM Port</b>	1 x RS-232/422/485 1 x RS-232 1 x Isolation RS-232/422/485 (by IET Module)
<b>Other</b>	Dual LED Reading Light Bar Optional I/O Cover Optional MSR/SCR/NFC/RFID Module Optional Smart Backup Battery Module Optional WIFI/BT module (by mini PCIe) Optional Handset & 1D Barcode Scanner

Display	
<b>Chipset</b>	Intel® HD Graphics 520
<b>Resolution</b>	HDMI: 3840 x 2160 @ 24Hz (optional by IET module)

Audio	
<b>Chipset</b>	Realtek ALC892
<b>Speaker Output</b>	2 x 0.5W

Ethernet	
<b>Chipset</b>	1 x Intel® I211AT, 1 x Intel® I219LM 1 x Isolation Intel® I210AT (by IET Module)
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ-45 1 x RJ-45 (by IET module)



Certifications	
Certification Information	CE, FCC Class B, UL60601-1 4th edition

Software Support	
OS Information	Win 7, 8.1, 10, Linux

Power Requirement	
Power Connector	Lockable DC Jack, +12V~+26V
Power Mode	AT/ATX (ATX is default setting)
Battery	1100mAh 4S1P (by optional)
Battery Operating Time	max. 20 mins backup operation
Adapter	Medical grade Input: 100~240 Vac/50~60Hz; Output: 90W Adapter (19V/4.74A Adapter)

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 <sup>2</sup>
Contrast ratio	3000
Viewing angle	89(U), 89(D), 89(L), 89(R)
Response time	5ms
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	86%
Touch Controller	USB touch

## ORDERING:

### VMC21500-i7

Intel® Core™ i7-6600U Processor/8GB DDR4 Memory/PCAP touch/RFID/2\*GLAN/ 4\*USB3.0/2\*COM/Isolation USB/COM/LAN/19V Adapter

### VMC21500-i5

Intel® Core™ i5-6300U Processor/8GB DDR4 Memory/PCAP touch/RFID/2\*GLAN/ 4\*USB3.0/2\*COM/Isolation USB/COM/LAN/19V Adapter

### VMC21500-i3

Intel® Core™ i3-6100U Processor/8GB DDR4 Memory/PCAP touch/RFID/2\*GLAN/ 4\*USB3.0/2\*COM/Isolation USB/COM/LAN/19V Adapter

### VMC21500-C

Intel® Celeron® 3955U Processor/8GB DDR4 Memory/PCAP touch/RFID/2\*GLAN/ 4\*USB3.0/2\*COM/Isolation USB/COM/LAN/19V Adapter

