

Multi-touch Medical Panel PC

21.5" Full HD Multi-touch Medical PC, Intel Core i5-6300U/8GB Memory/ NFC/4USB3.0/2COM/SPK/LED reading light/isolation USB/COM/LAN/19V Medical Power adapter

Model: VMPCW2150-i5



FEATURES:

- 21.5" 16:9 1080P Display with PCAP Multi touch
- Onboard 6th Gen. 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
- Infineon TPM2.0
- 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
- 5-kV 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™ i5 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 (SLB 9665 TT2.0)
SBC	ARC-SKLU + Isolation IET board
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	
USB	4 x USB 3.0 2 x USB 2.0 (by pin header) 1 x Isolation 5-kV USB2.0 (by IET module)
SATA	1 x SATA III
COM Port	1 x RS-232/422/485 1 x RS-232 1 x Isolation 5-kV RS-232/422/485 (by IET Module)
Other	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	
Chipset	Intel® HD Graphics 520
Resolution	HDMI: 3840 x 2160 @ 24Hz (optional by IET module)
AUDIO	
Chipset	Realtek ALC892
Speaker Output	2 x 0.5W



SPECIFICATION:

ETHERNET	
Chipset	1 x Intel® I211AT, 1 x Intel® I219LM 1 x Isolation 5-kV Intel® I210AT (by IET Module)
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45 1 x RJ-45 (by IET module)
MECHANICAL & ENVIRONMENTAL	
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
Weight	6.3 Kgs
Dimension (L x W x H)	539.6 x 342.6 x 45.5 mm
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
System Fan	Fanless
Construction - Front	White Plastic
Construction - Rear	White Plastic
Finishing	Anti-Microbial
Fanless	Fanless
Color	White
CERTIFICATIONS	
Certification Information	CE, FCC Class B AAMI /ANSI ES60601-1:2005/(R)2012 and A1:2012,C1:2009/(R)2012 and A2:2010/(R)2012 IEC 60601-1/A1:2012 & EN 60601-1/A1:2013 (Ed 3.1), Class III EN 60601-1:2006+A11:2011+A1:2013+A12:2014 EN60601-1-2 2014/ Part 18
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 ²
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 (EETI EXC3188)

