

# MEDICAL PANEL PC

23.8" Full HD (1920X1080) MVA Diagnostic Panel Medical PC with Intel® COMET Lake Core i CPU, 4 x USB 3.2 gen 2, 3 x RS-232, 1 x RS232/RS422/RS485 1 x ISO RS232/RS422/RS485, 2 x RJ-45 (Gigabit Ethernet) 1 x ISO RJ45

MODEL: WMPC-2400AM-EX-B



## FEATURES:

- Intel® COMET Lake Core i CPU
- Anti-bacteria Aluminum housing
- 23.8" full HD (1920X1080) MVA Diagnostic Panel
- Optional Full HD capture card
- USB/LAN/COM 4KV isolated module
- Optional DICOM part 14 compliance solution
- Support RAID 0,1

## SPECIFICATIONS

<b>CPU/Chipset</b>	LGA1200 package 10 <sup>th</sup> gen Intel® Core i7/i5/i3/Pentium/Celeron processor (35W max.) Intel® Q470E Chipset (Intel® PCH)
<b>Graphic</b>	Intel® integrated UHD Graphics by CPU
<b>RAM</b>	2 x 260-pin SO-DIMM, Dual Channel DDR4 2933 / 2666 / 2400 MHz, up to 64GB
<b>OS Support</b>	Win 10 IoT Enterprise
<b>Storage</b>	M.2 (M Key, 2280) with PCIe x4 & SATA3 for SSD x 1, 2.5" SATA3 HDD/SSD drive bay x 1
<b>Expansion</b>	1 x PCI-E x16 ,1x M.2 E key 2230, 1x M.2 (B/M Key, 2242/2260/2280) with PCIe Optional Network Interface: 802.11 WLAN + Bluetooth module
<b>Display Size</b>	23.8" 16:9
<b>Display (FHD)</b>	1920 x 1080 (Full HD), 16.7M colors, 178(H) / 178(V), 250 nits (Typ. Center point), CR:3000 : 1 (Typ)
<b>Touch Screen</b>	Full flat projective capacitive touch panel / Light Transmission: 85% ± 3% / Hardness: 6H pencil, pressure 750g/45° / Life: 100M times
<b>I.O. PORTS</b>	
<b>USB</b>	4 x USB 3.2 gen 2
<b>COM</b>	3 x RS-232, 1 x RS232/RS422/RS485 1 x ISO RS232/RS422/RS485
<b>LAN</b>	2 x RJ-45 (Gigabit Ethernet) 1 x ISO RJ45
<b>Audio</b>	3.5mm phone jack connector * 2 (Line-out, Mic-In)
<b>Video output</b>	1 xDP 1.2/DP++ .1 xHDMI 1.4a
<b>Video-In</b>	1 xHDMI-in
<b>Control Hot Key (R to L)</b>	Battery LED Indicator; Power; Audio Volume; Brightness; Video-In LCD Light On/Off; Clean Me; Programmable Function
<b>MECHANICAL AND ENVIRONMENTAL</b>	
<b>Cooling</b>	Fanless
<b>Power Adapter</b>	AC input 100 -240V/ 47 ~ 63 Hz.External power adapter
<b>Temperature</b>	Operating Temperature: 0~40°C / Storage Temperature: -20~60°C
<b>Humidity</b>	Operating & Storage:10 ~ 90%, non-condensing
<b>IP Rating</b>	IP65 at front side, IP65 protection from 5-sides (6 sides with cable cover attached) / Touch (standard)/ Glass(customized);
<b>Housing</b>	Rear: Aluminum alloy body/White (Touch)
<b>Dimensions (Net)</b>	580mm (H) x 350mm (V) x 59mm (T)
<b>Weights (Net)</b>	11.4 kg (w/o power adapter/battery pack)(TBC)
<b>Mounting</b>	VESA 100x100
<b>Certification</b>	FCC (part 18 Class B) / CE (EN 60601 -1 -2 :2015 ver. 4.0) / VCCI (2016-11, class B) UL(ES60601-1:2012 (V3.1)/cUL (C22.2 No. 60601-1:2014 V3.1) / MDR (2017/745)

**\*Specifications subject to change without notice, not responsible for typographical errors.**

<b>MAJOR OPTIONS</b>	
<b>Accessory</b>	1. Cable clean IO cover
	2. WMPC series stand, VESA 100
	3. 2M Extension Power DC Cable
<b>Options</b>	1. 802.11 ac/a/b/g/n WLAN + Bluetooth module (optional order configuration)
	2. 802.11 ax/a/b/g/n WLAN + Bluetooth module (Wifi-6) (optional order configuration)
	3. Auto focus 5M pixel webcam module
	4. 2.5" SSD module
	5. M.2 type 2280 module
	6. RFID (13.56MHz)
	7. TPM 2.0 module
	8. Full HD capture card or 4K SC710N1 12G SDI capture card
	9. Equipotential terminal pin
	10. AG film
	11. DICOM part 14 compliance (optional order configuration)
	12. Windows 10 IoT Enterprise LTSC 64 bit
<b>Customization</b>	1 Tempered glass
	2.Touch with AG coating
	- anti-reflective,
	- anti-microbial,
	- anti-glare,
- anti-fingerprint	
	3.Auto focus 5M pixel webcam module