

Medical Computer > Medical Panel PC > POCm Series

POCm-W24C-RPL

Medical Panel PC



Features

- » 13th Gen Intel® Core™ i5/ i7 processor (Raptor Lake-P)
- » Anti-bacteria housing with IP65 front bezel protection
- » PCAP touch allows multi-touch, multi-layer gloves and water-on-screen operation
- » Three hot-swappable batteries with a total runtime of 10-16 hours, ideal for non-powered medical carts

Specifications

Display	
LCD Size	23.8"
LCD Resolution	1920 x 1080
LCD Brightness (cd/m²)	350
LCD Contrast Ratio	1000:1
LCD Color	16.7M (RGB 8-bit)
LCD Pixel Pitch (mm)	0.2745 (H) x 0.2745 (V) mm
LCD Viewing Angle (H-V)	178° /178°
LCD Backlight MTBF	30000
Touch Screen	PCAP
Touch Controller	EETI
Touch Surface Hardness	6H
Camera	8-megapixel CMOS front-facing camera
System	
Processor	13th Gen Intel® Core™ i5-1340PE/ i7-1370PE (Raptor Lake-P)
Supported OS	Windows 11, Linux Ubuntu
Network	
Ethernet Controller	Intel® I226-V
Wi-Fi	IEEE 802.11 a/b/g/n/ac/ax, Intel® Wi-Fi 6E AX210
Bluetooth	Bluetooth V5.2
Storage	
Storage	1 x 2.5" accessible SATA HDD bay
	2 x M.2 2280 M key (PCIe) with RAID
RAM	2 x 262-pin 4800MT/s dual-channel DDR5 SO-DIMM slots (system max. 64GB)
Expansion Slots	
Expansion Slots	1 x PCIe Mini (PCIe)
	1 x M.2 2230 A-E key (PCIe+USB)
	2 x M.2 2260/80 B-M key (PCIe)
Audio	
Speaker	2 x 2W speaker
Microphone	1 x Digital mic
I/O Interface	
Side I/O	1 x Mic in
	1 x Audio out
	2 x USB 2.0 port

Rear I/O	1 x DC jack
	1 x HDMI output
	1 x USB Type-C (DP + USB 5V/3A)
	1 x DC output (12V/19V/24V, 20watt)
	2 x 2.5GbE LAN port
	1 x RS-232
	4 x USB 3.2 Gen 2 (10Gb/s) port
Indicator&Buttons	
Buttons	1 x Power on/off
Indicators	1 x RFID indicator
	1 x Power indicator
	3 x Battery indicator (color: blue/red)
Other Features	
OSD Function	1 x Power on/off
	1 x Volume up
	1 x Volume down
	1 x Brightness up
	1 x Brightness down
	1 x LCD on/off and touch lock for cleaning
Physical Characteristics	
Thermal	Fanless
Construction Material	ABS+PC plastic
Mounting	Wall, Stand and Arm; VESA 75/100 compliant
Weight (Net) (kg)	7.78 kg (without battery)
Weight (Gross) (kg)	9.25 kg (with 3 batteries)
Dimensions (LxWxH) (mm)	594.6 x 379.6 x 63.2
Power	
Input	19V DC input
Output	1 x DC output (12V/19V/24V, 20watt)
Power Adapter	150W medical power adapter
Environment	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Humidity	10% ~ 90% (non-condensing)
Vibration	1G
Operating Shock	5G peak acceleration (11ms duration)
Non-operating shock	15G peak acceleration (11ms duration)
IP Level	Front: IP65
Certifications	
Safety & EMC	CE, FCC Class B Part18, UL 60601-1, IEC/EN 60601-1, IEC/EN 60601-1-2

Ordering Information

POCm-W24C-RPL-i7/PC-R10	23.8" 350cd/m² FHD medical panel PC with 13th generation 10nm Intel®Raptor Lake-P Core™ i7-1370PE 4.8GHz on-board processor,802.11a/b/g/n/ac/ax Wi-Fi 6E module,PCAP touchscreen,8M camera,D-mic,w/o battery,R10
POCm-W24C-RPL-i5/PC-R10	23.8" 350cd/m² FHD medical panel PC with 13th generation 10nm Intel®Raptor Lake-P Core™ i5-1340PE 4.5GHz on-board processor,802.11a/b/g/n/ac/ax Wi-Fi 6E module,PCAP touchscreen,8M camera,D-mic,w/o battery,R10

Packing List

1 x Power Adapter (150W medical power adapter)	1 x Power Cord (European power cord, 183 cm, C13)
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