

# POCm-W24C-ULT3

24" Medical Panel PC with 6th Generation Intel® mobile  
ULT Core™ i7/i5/Celeron® processor



## Features

- » 24" fanless FHD medical grade panel PC
- » Intel® Celeron®, Core™ i5/i7 Skylake ULT SoC processor
- » Three hot-swappable batteries with a total runtime of 8~16 hours is ideal for non-powered medical carts
- » The battery docking station can perform fast charging, taking only 3 hours from 0 to 100%
- » Optional integrated RFID, 3-in-1 card reader, external 1D/2D barcode reader and USB phone
- » Certification: CE, FCC Class B Part 18, IEC 60601-1:2005+AMD1:2012 (Edition 3.1), IEC 60601-1-2:2014 (Edition 4.0)

## Specifications

<b>Display</b>	
LCD Size	24"
Brightness(cd/m2)	250
Max Resolution	1920x1080
Contrast Ratio	1000:1
Backlight MTBF(hrs)	30000
<b>System</b>	
Cooling method / System Fan	Fanless
CPU	6th generation Intel® mobile ULT Core™ i7-6600U / Core™ i5-6300U / Celeron® 3855U
Storage	1 x 2.5" accessible SATA HDD bay 2 x M-key M.2 2242/60/80 (PCIe+SATA) with RAID
<b>Communication</b>	
Bluetooth	V4.2 (M.2 2230 A-E key module)
Wi-Fi	IEEE 802.11 a/b/g/n/ac 2T2R module
<b>I/O Interface</b>	
Audio	2 x 3W Speaker
Expansion	1 x Full-size/half-size PCIe Mini (PCIe+USB)
RAM	Two 260-pin 2400/2133MHz dual-channel DDR4 SO-DIMM, 4GB pre-installed (system max. 32GB)
I/O Ports and Switches	2 x USB 2.0 (side) 4 x USB 3.0 port 2 x HDMI™ output 2 x GbE LAN port 2 x RS-232/422/485 1 x Audio out (side) + 1 x Mic in (side) 1 x Digital Mic 1 x DC jack
<b>Power</b>	
Power adapter	150W medical power adapter
Power Supply	3 slots for hot swappable battery pack
<b>Environment</b>	
Operating Temperature	0°C~40°C
Humidity	10% to 90% (non-condensing)

Storage Temperature	-20°C~60°C
IP Level	Front: IP65, Back: IP32
<b>Physical Characteristics</b>	
Color	White
Mounting	Wall, Stand and Arm VESA 100/75
Dimensions (LxWxH) (mm)	594.6 x 379.6 x 71 mm
Construction Front Panel	ABS+PC plastic with anti-bacterial material
<b>Weight</b>	
Weight	8.18 kg without batteries
	9.53 kg with 3 batteries
<b>Touch</b>	
Touch Screen	Projected capacitive type with 10-point multi-touch
<b>Other Features</b>	
Camera	5-megapixel CMOS front-facing camera with auto-focus and digital microphone
System Cooling	Fanless
Microphone	digital microphone
<b>OSD Function</b>	
OSD Function	1 x Brightness up
	1 x Brightness down
	1 x Volume up
	1 x Volume down
	1 x Touch lock & LCD on/off
	1 x Task Manager & Power on/off
<b>LED Function</b>	
LED Function	1 x RFID indicator
	3 x Battery indicator (Color : Blue/Red)
	1 x Power Indicator
<b>I/O Interface</b>	
I/O Interface	1 x AT/ATX Switch
	1 x Mic
	1 x Line out
	2 x USB 2.0
	4 x USB 3.2 Gen1x1
	2 x LAN (GbE)
	2 x RS-232
	2 x HDMI™
	1 x Power In (19V DC jack)
	2 x Speaker

## Ordering Information

POCm-W24C-ULT3-i7/PC/4G-R10	23.8" 250cd/m² FHD Medical panel PC ,with Intel® Core™ i7-6600U (15W) 2.4GHz on-board processor (ULT) , one 4GB DDR4 RAM , 802.11a/b/g/n/ac Wi-Fi module , PCAP touchscreen, 5M camera, microphone, hot swappable battery,R10
POCm-W24C-ULT3-i5/PC/4G-R10	23.8" 250cd/m² FHD Medical panel PC ,with Intel® Core™ i5-6300U (15W) 2.4GHz on-board processor (ULT) , one 4GB DDR4 RAM , 802.11a/b/g/n/ac Wi-Fi module , PCAP touchscreen, 5M camera, microphone, hot swappable battery,R10
POCm-W24C-ULT3-C/PC/4G-R10	23.8" 250cd/m² FHD Medical panel PC ,with Intel® Celeron 3855U (15W) 2.4GHz on-board processor (ULT) , one 4GB DDR4 RAM , 802.11a/b/g/n/ac Wi-Fi module , PCAP touchscreen, 5M camera, microphone, hot swappable battery,R10

## Packing List

1 x Power Adapter	1 x Power Cord
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