

# POCi-W24C-RPL

## Medical Panel PC



### Features

- » Dual reading light
- » Chemical etching AG coating
- » Modular PCIe x4 expansion slot
- » Aluminum front bezel (IP66) & PC/ABS rear cover
- » FHD IPS panel with optional DICOM preset module
- » 13th Generation Intel® Raptor Lake-P platform
- » Built-in medical-grade power supply

### Specifications

| Display                             |   |
|-------------------------------------|---|
| LCD Size                            | 23.8"   |
| LCD Resolution                      | 1920 x 1080   |
| LCD Brightness (cd/m <sup>2</sup> ) | 350   |
| LCD Contrast Ratio                  | 1000:1  |
| LCD Color                           | 16.7M (RGB 8-bit)   |
| LCD Pixel Pitch (mm)                | 0.2745 (H) x 0.2745 (V)   |
| LCD Viewing Angle (H-V)             | 178°/178°   |
| LCD Backlight MTBF                  | 30000   |
| Touch Screen                        | PCAP  |
| Touch Controller                    | EETI  |
| Touch Surface Hardness              | 6H  |
| Touchscreen Coating                 | Chemical etching AG   |
| 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                             | 2 x M.2 2280 M key (PCIe/ SATA) 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 x2   |
|                                     | 1 x M.2 2230 A-E key (PCIe+USB)   |
|                                     | 2 x M.2 2260/80 B-M key (PCIe/ SATA)                                    |
| Audio                               |   |
| Speaker                             | 2 x 2W speaker  |
| Microphone                          | 1 x Digital mic   |
| I/O Interface                       |   |
| Side I/O                            | 2 x USB 2.0 port  |
| Rear I/O                            | 1 x AC jack   |
|                                     | 1 x HDMI output   |
|                                     | 1 x USB Type-C (DP + USB 5V/3A)   |

|                                 |  |
|---------------------------------|--|
|                                 | 1 x Combo audio-out/mic-in   |
|                                 | 2 x RS-232   |
|                                 | 2 x 2.5GbE LAN port  |
|                                 | 4 x USB 3.2 Gen 2 (10Gb/s) port                                      |
| <b>Indicator&amp;Buttons</b>    |  |
| Buttons                         | 1 x Power on/off   |
|                                 | 1 x AT/ATX switch  |
|                                 | 1 x Reset button   |
|                                 | 1 x Clear CMOS Button  |
| Indicators                      | 1 x Power indicator  |
| <b>Other Features</b>           |  |
| OSD Function                    | 1 x Power on/off   |
|                                 | 1 x Reading light on/off   |
|                                 | 1 x Brightness up  |
|                                 | 1 x Brightness down  |
|                                 | 1 x LCD & touch lock on/off  |
|                                 | 1 x DICOM mode app on/off (optional)                                 |
| <b>Physical Characteristics</b> |  |
| Thermal                         | Fanless  |
| Construction Material           | ABS+PC plastic   |
| Mounting                        | Wall, Stand and Arm; VESA 75/100 compliant                           |
| Weight (Net) (kg)               | 8.1 kg   |
| Dimensions (LxWxH) (mm)         | 567 x 370.6 x 63.9 mm  |
| <b>Power</b>                    |  |
| Input                           | 85V – 264V AC input  |
| Built-in Power Supply           | 150W, 85V – 264V AC, medical power supply                            |
| <b>Environment</b>              |  |
| 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: IP66  |
| <b>Certifications</b>           |  |
| Safety & EMC                    | CE, FCC Class B Part18, UL 60601-1, IEC/EN 60601-1, IEC/EN 60601-1-2 |

## Ordering Information

|                            |  |
|----------------------------|--|
| POCi-W24C-RPL-i7/PC-R10    | 23.8" 350cd/m <sup>2</sup> 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 w/ AG coating,R10       |
| POCi-W24C-RPL-i7/PC/DI-R10 | 23.8" 350cd/m <sup>2</sup> 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 w/ AG coating,DICOM,R10 |
| POCi-W24C-RPL-i5/PC-R10    | 23.8" 350cd/m <sup>2</sup> 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 w/ AG coating,R10       |

## Packing List

|                      |  |
|----------------------|--|
| 1 x Power Cord (C13) |  |
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