

# POCi-W24C-ULT5

24" Medical Panel PC with 8th Generation Intel® mobile ULT Core™ i7/i5 processor



## Features

- » 14nm 8th generation Intel® Whiskey Lake U platform
- » Aluminum front bezel (IP66) & PC/ABS rear cover
- » Chemical etching AG coating
- » Modular PCIe x4 expansion slot
- » Dual reading light
- » FHD IPS panel with optional DICOM preset module

## Specifications

| Form factor                 |  |
|-----------------------------|--|
| Form factor                 | » 14nm 8th generation Intel® Whiskey Lake U platform |
|                             | » Aluminum front bezel (IP66) & PC/ABS rear cover    |
|                             | » Chemical etching AG coating                        |
|                             | » Modular PCIe x4 expansion slot                     |
|                             | » Dual reading light                                 |
|                             | » FHD IPS panel with optional DICOM preset module    |
| Display                     |  |
| LCD Size                    | 23.8" (16:9)   |
| Brightness(cd/m2)           | 350  |
| Max Resolution              | 1920 (W) X 1080 (H)                                  |
| Contrast Ratio              | 1000:1   |
| Backlight MTBF(hrs)         | 30,000 (LED backlight)                               |
| System                      |  |
| Cooling method / System Fan | fanless  |
| CPU                         | Intel® Core™ i7-8665UE (Whiskey Lake ULT platform)   |
|                             | Intel® Core™ i5-8365UE (Whiskey Lake ULT platform)   |
| HDD                         | 1 X 2.5" accessible SATA HDD/SSD bay                 |
| SSD                         | 1X M.2 2242/60/80 M key (PCIe x4)                    |
| Communication               |  |
| Bluetooth                   | Bluetooth V5.0 (M.2 2230)                            |
| Wi-Fi                       | IEEE 802.11 ax 2T2R module (Wi-Fi 6 Module)          |
| I/O Interface               |  |
| Ethernet                    | 1 X Isolated Gigabit LAN (I219 supports Intel® vPro) |
|                             | 1 X Isolated Gigabit LAN (I211)                      |
| Audio                       | 1 X Combo audio-out / mic-in                         |
| Expansion                   | 1 X PCIe x4  |
|                             | 3S3P Li-ion battery pack, 11.1V, 7800mAh (Optional)  |
|                             | 150W, 85 ~264VAC, medical power supply (Optional)    |
| USB                         | 4 X USB 3.2 Gen 2 port                               |
|                             | 2 X USB 2.0 port (side)                              |
| RAM                         | DDR4 SO-DIMM up to 64GB                              |
| Power                       |  |

|                                 |   |
|---------------------------------|---|
| Input                           | 19V DC input  |
| Power adapter                   | 150W medical power adapter                              |
| Power Supply                    | 150W, 85 ~264VAC, medical power supply (Optional)       |
| <b>Environment</b>              |   |
| Operating Temperature           | 0°C ~ 40°C  |
| Operating Vibration             | 1G  |
| Operating Shock                 | 5G peak acceleration (11ms duration)                    |
| Safety & EMC                    | CE, FCC Class B Part18                                  |
|                                 | EN 60601-1:2006/A1:2013 (Edition 3.1)                   |
|                                 | EN 60601-1-2: 2015 (Edition 4.0)                        |
| Humidity                        | 10% ~ 95% (non-condensing)                              |
| Storage Temperature             | -20°C ~ 60°C  |
| IP Level                        | Front: IP66   |
| <b>Physical Characteristics</b> |   |
| Color                           | White   |
| Mounting                        | Wall, Stand and Arm VESA 75/100                         |
| Dimensions (LxWxH) (mm)         | 507.5 X 335.5 X 64.5                                    |
| Net Weight                      | 8.1 kg  |
| Construction                    | Front bezel: Aluminum die-casting                       |
|                                 | Rear cover: ABS+PC plastic with anti-bacterial material |
| <b>Touch</b>                    |   |
| Touch Screen                    | Projected capacitive type with 10-point multi-touch     |
|                                 | Chemical etching AG                                     |
| Touch Controller                | EETI (80H84)  |
| <b>Other Features</b>           |   |
| Audio                           | 2 X 3W speaker  |
| TPM                             | TPM-IN03-R10 (Optional)                                 |
| <b>OSD Function</b>             |   |
| OSD Function                    | 1 x Power on/off  |
|                                 | 1 x Reading light on/off                                |
|                                 | 1 x Backlight brightness up                             |
|                                 | 1 x Backlight brightness down                           |
|                                 | 1 x Clean mode on/off                                   |
|                                 | 1 x DICOM mode app on/off (optional)                    |
| <b>I/O Interface</b>            |   |
| I/O Interface                   | AT/ATX switch   |
|                                 | Audio   |
|                                 | DC Input Jack   |
|                                 | HDMI  |
|                                 | LAN   |
|                                 | Line in   |
|                                 | Mic   |
|                                 | Power In  |
|                                 | Power Switch  |
|                                 | Reset Button  |
|                                 | RS-232  |
|                                 | Speaker   |
|                                 | Touchscreen   |
|                                 | USB 2.0   |
|                                 | USB 3.2 Gen1x1  |
|                                 | WIFI  |

## Ordering Information

|   |   |
|---|---|
| POCi-W24C-ULT5-i7/PC/4G-R10<br>* By order production    | 23.8" 250cd/m <sup>2</sup> FHD medical panel PC with 8th generation 14nm Intel® mobile Core™ i7-8665UE (15W) 1.7GHz on-board processor (ULT),one 4GB DDR4 RAM,802.11 ax Wi-Fi module,PCAP touchscreen w/ AG coating,microphone,R10            |
| POCi-W24C-ULT5-i7/PC/4G-BP-R10<br>* By order production | 23.8" 250cd/m <sup>2</sup> FHD medical panel PC with 8th Gen 14nm Intel® mobile Core™ i7-8665UE (15W) 1.7GHz on-board processor (ULT),one 4GB DDR4 RAM,802.11 ax Wi-Fi module,PCAP touchscreen w/ AG coating,microphone,w/ built-in Power,R10 |
| POCi-W24C-ULT5-i7/PC/4G-B-R10<br>* By order production  | 23.8" 250cd/m <sup>2</sup> FHD medical panel PC with 8th generation 14nm Intel® mobile Core™ i7-8665UE (15W) 1.7GHz on-board processor (ULT),one 4GB DDR4 RAM,802.11 ax Wi-Fi module,PCAP touchscreen w/ AG coating,microphone,w/ battery,R10 |
| POCi-W24C-ULT5-i5/PC/4G-R10                             | 23.8" 250cd/m <sup>2</sup> FHD medical panel PC with 8th generation 14nm Intel® mobile Core™ i5-8365UE (15W) 1.6GHz on-board processor (ULT),one 4GB DDR4 RAM,802.11 ax Wi-Fi module,PCAP touchscreen w/ AG coating,microphone,R10            |
| POCi-W24C-ULT5-i5/PC/4G-BP-R10<br>* By order production | 23.8" 250cd/m <sup>2</sup> FHD medical panel PC with 8th Gen 14nm Intel® mobile Core™ i5-8365UE (15W) 1.6GHz on-board processor (ULT),one 4GB DDR4 RAM,802.11 ax Wi-Fi module,PCAP touchscreen w/ AG coating,microphone,w/ built-in Power,R10 |
| POCi-W24C-ULT5-i5/PC/4G-B-R10<br>* By order production  | 23.8" 250cd/m <sup>2</sup> FHD medical panel PC with 8th generation 14nm Intel® mobile Core™ i5-8365UE (15W) 1.6GHz on-board processor (ULT),one 4GB DDR4 RAM,802.11 ax Wi-Fi module,PCAP touchscreen w/ AG coating,microphone,w/ battery,R10 |

## Packing List

|                                |                                       |
|--------------------------------|---------------------------------------|
| 1 X 150W medical power adapter | 1 X European power cords, 183 CM, C13 |
|--------------------------------|---------------------------------------|