

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) |
| Environment | |
| 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 |
| Physical Characteristics | |
| 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 |
| Touch | |
| Touch Screen | Projected capacitive type with 10-point multi-touch |
| | Chemical etching AG |
| Touch Controller | EETI (80H84) |
| Other Features | |
| Audio | 2 X 3W speaker |
| TPM | TPM-IN03-R10 (Optional) |
| OSD Function | |
| 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) |
| I/O Interface | |
| 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

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|---|---|
| POCi-W24C-ULT5-i7/PC/4G-R10 * By order production | 23.8" 250cd/m ² 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 * By order production | 23.8" 250cd/m ² 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 * By order production | 23.8" 250cd/m ² 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 ² 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 * By order production | 23.8" 250cd/m ² 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 |
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Packing List

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