

# POC-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® Core™ i5-6300U (Skylake) processor
- » Certification: CE, FCC Class B Part18, IEC 60601-1:2005+AMD1:2012 ( Edition 3.1), IEC 60601-1-2: 2014 (Edition 4.0)
- » PCAP touch allows multi-touch, multi-layer gloves and water on screen operation
- » Anti-bacteria housing with IP65 front bezel and IP32 rear cover protection
- » E-Window expansion slot

## Specifications

| System                      |   |
|-----------------------------|---|
| Cooling method / System Fan | Fanless   |
| CPU                         | 6th generation Intel® mobile ULT Core™ i7-6600U / Core™ i5-6300U / Celeron® 3855U<br>7th generation Intel® mobile ULT Kaby Lake on-board SoC (by project base)            |
| Storage                     | 1 x 2.5" SATA 6Gb/s HDD bay<br>1 x mSATA (E-Window)   |
| Communication               |   |
| Bluetooth                   | V4.1 (M.2 2230 A-E key module)  |
| Wi-Fi                       | IEEE 802.11 a/b/g/n/ac 2T2R module  |
| I/O Interface               |   |
| Audio                       | 2 x 3W Speaker  |
| Expansion                   | 1 x PCIe Mini reserved for E-Window expansion   |
| RAM                         | Two 260-pin 2400/2133MHz dual-channel DDR4 SO-DIMM, 4GB pre-installed (system max. 32GB)  |
| I/O Ports and Switches      | 1 x RJ-11 for 1D/2D barcode reader<br>4 x USB 2.0 (2 on the side)<br>4 x USB 3.0 port<br>1 x HDMI™ output<br>2 x GbE LAN port<br>1 x RS-232/422/485<br>1 x 12~28V DC jack |
| Environment                 |   |
| Operating Temperature       | 0°C~40°C  |
| Humidity                    | 10% to 95% (non-condensing)   |
| Storage Temperature         | -20°C~60°C  |
| IP Level                    | IP65 compliant front panel  |
| Physical Characteristics    |   |
| Mounting                    | Wall, Stand and Arm VESA 100/75   |
| Dimensions (LxWxH) (mm)     | 594.6 x 379.6 x 60.68   |
| Construction Front Panel    | ABS+PC plastic with anti-bacterial material   |
| Weight                      |   |
| Weight                      | 7.5 Kg  |
| LCD                         |   |
| Size                        | 24"   |
| Resolution                  | 1920 (W) x 1080 (H)   |
| Brightness (cd/m2)          | 250   |

|                       |   |
|-----------------------|---|
| Contrast Ratio        | 1000:1  |
| LCD Color             | 16.7M colors (RGB 6-bit + HI_FRC)   |
| Pixel Pitch (mm)      | 0.2745 (H) x 0.2745 (V)   |
| Viewing Angle (H-V)   | 178°(H) / 178°(V)   |
| Backlight MTBF        | 30000 (LED backlight)   |
| <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>Function Key</b>   |   |
| Function Key          | 1 x LCD on/off  |
|                       | 1 x Brightness up   |
|                       | 1 x Brightness down   |
|                       | 1 x Volume up   |
|                       | 1 x Volume down   |
|                       | 1 x Touch lock button for cleaning  |
|                       | Combinations:   |
|                       | 1 x Lock/Unlock OSD   |
|                       | 1 x Power on/off  |

## Ordering Information

|                            |  |
|----------------------------|--|
| POC-W24C-ULT3-i7/PC/4G-R10 | 24" 250cd/m <sup>2</sup> FHD Medical panel PC ,Intel Skylake Dual Core Core™ i7-6600U Processor (2.60 GHz), 1*4GB DDR4 , 802.11a/b/g/n/ac , PCAP touchscreen, 5M camera, microphone, R10 |
| POC-W24C-ULT3-i5/PC/4G-R10 | 24" 250cd/m <sup>2</sup> FHD Medical panel PC ,Intel Skylake Dual Core Core™ i5-6300U Processor (2.4 GHz), 1*4GB DDR4 , 802.11a/b/g/n/ac , PCAP touchscreen, 5M camera, microphone, R10  |
| POC-W24C-ULT3-C/PC/4G-R10  | 24" 250cd/m <sup>2</sup> FHD Medical panel PC ,Intel Skylake Dual Core Celeron 3855U Processor (1.60 GHz), 1*4GB DDR4 , 802.11a/b/g/n/ac , PCAP touchscreen, 5M camera, microphone, R10  |

## Packing List

|                   |                |
|-------------------|----------------|
| 1 x Power Adapter | 1 x Power Cord |
|-------------------|----------------|