

# Point-of-Care Terminal

**POC-W24C-ULT3** | 24" Medical Panel PC with 6th Generation Intel® mobile ULT Core™ i7/i5/Celeron® processor

## Features

- E-Window expansion slot
- Intel® Core™ i5-6300U (Skylake) processor
- Anti-bacteria housing with IP65 front bezel and IP32 rear cover protection
- PCAP touch allows multi-touch, multi-layer gloves and water on screen operation



## Specifications

Model	POC-W24C-ULT3		
LCD Specifications	LCD Size	24"	
	Max. Resolution (W / H)	1920 x 1080	
	Brightness (cd/m <sup>2</sup> )	250	
	Contrast Ratio	1000:1	
	LCD Color	16.7M colors (RGB 6-bit + HI_FRC)	
	Pixel Pitch (H / V)	0.2745 x 0.2745 mm	
	Viewing Angle (H / V)	178° / 178°	
Touch	Backlight MTBF (hrs)	30,000 (LED backlight)	
	Touchscreen	Projected capacitive type with 10-point multi-touch	
	Touch Controller	EETI	
System	Surface Hardness	6H	
	CPU Support	6th Gen Intel® mobile ULT Core™ i7-6600U / Core™ i5-6300U / Celeron® 3855U 7th Gen Intel® mobile ULT Kaby Lake on-board SoC (By project base)	
	RAM	Two 260-pin 2400/2133MHz dual-channel DDR4 SO-DIMM, 4GB pre-installed (system max. 32GB)	
	Storage	1 x mSATA (E-Window) 1 x 2.5" SATA 6Gb/s HDD/SDD bay	
	Audio	2 x 3W speaker	
	Camera & Microphone	5-megapixel CMOS front-facing camera with auto-focus and digital microphone	
	I/O Port	1 x HDMI output 1 x 12~28V DC jack 1 x RS-232/422/485 1 x RJ-11 for 1D/2D barcode reader	2 x GbE LAN port 4 x USB 3.2 Gen 1 port 4 x USB 2.0 port (2 on the side)
	OSD Function	1 x LCD on/off 1 x Volume up 1 x Volume down 1 x Brightness up 1 x Brightness down 1 x Touch lock button for cleaning	Combinations: 1 x Lock/Unlock OSD 1 x Power on/off
	Expansion	1 x PCIe Mini reserved for E-Window expansion	
	LED	1 x RFID indicator	
Other Features	Wi-Fi & Bluetooth	IEEE 802.11 a/b/g/n/ac 2T2R module with BT V4.1 (M.2 2230 A-E key)	
	Auto-dimming	Yes	
	Light Sensor	Ambient light sensor for panel brightness adjustment	
Physical	Construction Material	ABS+PC plastic with anti-bacterial material	
	Mounting	Wall, Stand and Arm VESA 100/75	
	Weight (Net)	7.5 Kg	
Environment	Dimensions (LxWxH)	594.6 x 60.68 x 379.6 mm	
	Operating Temperature	0°C~40°C	
	Storage Temperature	-20°C~60°C	
	Humidity	10% to 95% (non-condensing)	
	Vibration	1G	
	Shock	Operating shock: 5G peak acceleration (11ms duration) Non-operating shock: 15G peak acceleration (11ms duration)	
	IP Level	Front: IP65	
Power	Thermal	Fanless	
	Power Input	19V DC input	
Certification	Power Adapter	150W medical power adapter	
	EMC & Safety	CE, FCC Class B Part 18 IEC 60601-1: 2005+AMD1: 2012 (Edition 3.1) IEC 60601-1-2: 2014 (Edition 4.0)	

## Ordering Information

Part No.	Description
POC-W24C-ULT3-C/PC/4G-R11	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, R11
POC-W24C-ULT3-i5/PC/4G-R11	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, R11
POC-W24C-ULT3-i7/PC/4G-R11	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, R11

## Options

Part No.	Description
MEDP-HD-R10	Metal handle covered with soft rubber
MEDP-MF-RFID-R11	Mifare RFID reader, 13.56MHz, with LED indicator, 200mm antenna, RFID & LED cable, IEI assembly only
MEDP-TPM-03-R10	Trusted platform module kit with 150mm cable, IEI assembly only
POC-17C-ULT3-W10E64-V-R10	OS Image with Windows Embedded Standard 10 E Value 64-bit for POC-17C/W24C Series, with DVD-ROM, RoHS

## IQ Mounting Options

Item	Part No.
Wall Mount Kit	AFLWK-19B
Arm	ARM-31-RS
Stand	STAND-A21-R10

## Packing List

Item	Part No.	Q'ty	Remark
Power Adapter	63040-010150-400-RS	1	150W medical power adapter Input: 90V~264V AC; Output: 19V DC
Power Cord		1	European power cord, 183 cm, C13