

Point-of-Care Terminal

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
- 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



E-Window

Specifications

Model		POC-W24C-ULT3	
LCD Specifications	LCD Display	24"	
	Max 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)	
Touch	Backlight MTBF (hrs)	30000 (LED backlight)	
	Touchscreen	Projected capacitive type with 10-point multi-touch	
System	Surface Hardness	6H	
	CPU Support	6th generation Intel® mobile ULT Core™ i7-6600U / Core™ i5-6300U / Celeron® 3855U 7th generation 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)	
	I/O Port	1 x RJ-11 for 1D/2D barcode reader	2 x GbE LAN port
		4 x USB 2.0 (2 on the side)	1 x RS-232/422/485
	Storage	4 x USB 3.2 Gen 1 port	1 x 12~28V DC jack
		1 x HDMI output	
	Storage	1 x 2.5" SATA 6Gb/s HDD/SDD bay 1 x mSATA (E-Window)	
Audio	2 x 3W Speaker		
Webcam & Microphone	5-megapixel CMOS front-facing camera with auto-focus and digital microphone		
Expansion Interface	1 x PCIe Mini reserved for E-Window expansion		
LED Indicator	RFID indicator		
Other Features	Function Key	1 x LCD on/off	Combinations:
		1 x Brightness up	1 x Lock/Unlock OSD
		1 x Brightness down	1 x Power on/off
1 x Volume up			
1 x Volume down			
Light Sensor	Ambient light sensor for panel brightness adjustment		
Cooling Method	Fan-less		
Connectivity	Wi-Fi and Bluetooth	IEEE 802.11 a/b/g/n/ac 2T2R module with Bluetooth V4.1 1x 2230 A/E key (PCIe x 1/USB 2.0)	
Physical	Construction Material	ABS+PC plastic with anti-bacterial material	
	Mounting	Wall, Stand and Arm VESA 100/75	
	Net Weight	7.5 Kg	
Environment	Dimensions (WxHxD) (mm)	594.6 x 379.6 x 60.68mm	
	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)	
Power	IP Level	IP65 compliant front panel	
	Power Input	12V~28V DC input	
Certification	Power Adapter	120W medical power adapter: Input: 90V~264V AC, Output: 19V DC	
		CE,FCC Class B Part18 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 ² 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 ² 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 ² 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-HS-R10	USB interface VoIP phone and its holder, white
MEDP-HD-R10	Metal handle covered with soft rubber
MEDP-HD-BR-R11	Metal handle covered with soft rubber, with barcode reader and reading light, white
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
MEDP-EZS-R10	VESA 100 x 100 mm panel PC stand with a cable management hole, white
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	63040-580120-000-RS	1	120W medical power adapter: Input: 90V~264V AC, Output: 19 V DC
Power Cord		1	European power cords, 183 CM, C13

