

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



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	
	Audio	1 x 2.5" SATA 6Gb/s HDD/SDD bay 1 x mSATA (E-Window)	
Webcam & Microphone	2 x 3W Speaker		
Expansion Interface	5-megapixel CMOS front-facing camera with auto-focus and digital microphone		
Other Features	LED Indicator	1 x PCIe Mini reserved for E-Window expansion RFID indicator	
	Function Key	1 x LCD on/off	
		1 x Brightness up	
		1 x Brightness down	
1 x Volume up			
1 x Volume down			
Cooling Method	1 x Touch lock button for cleaning		
	Light Sensor		
Connectivity	Ambient light sensor for panel brightness adjustment		
	Fan-less		
Physical	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)		
	Construction Material		
	ABS+PC plastic with anti-bacterial material		
Environment	Mounting		
	Wall, Stand and Arm VESA 100/75		
	Net Weight		
	7.5 Kg		
	Dimensions (WxHxD) (mm)		
	594.6 x 379.6 x 60.68mm		
	Operating Temperature		
0°C~40°C			
Power	Storage Temperature		
	-20°C~60°C		
	Humidity		
	10% to 95% (non-condensing)		
	Vibration		
Certification	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 Adapter	Power Input		
	12V~28V DC input		
Certification	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-R10	24" 250cd/m ² 1920 x 1080 panel PC with 6th generation 14nm Intel® mobile Celeron™ 3855U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11 a/b/g/n/ac WiFi module, PCAP touchscreen, 5-megapixel camera, microphone, R10
POC-W24C-ULT3-i5/PC/4G-R10	24" 250 cd/m ² 1920 x 1080 panel PC with 6th generation 14nm Intel® mobile Core™ i5-6300U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 5-megapixel camera, microphone, R10
POC-W24C-ULT3-i7/PC/4G-R10	24" 250 cd/m ² 1920 x 1080 panel PC with 7th generation 14nm Intel® mobile Core™ i7-6600U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 5-megapixel camera, microphone, R10

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



I/O Interface

