

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" (16:9)	
	Max. Resolution (W/H)	1920 x 1080	
	Brightness (cd/m ²)	250	
	Contrast Ratio	1000:1	
	LCD Color	16.7M (RGB 6-bit + Hi-FRC)	
	Pixel Pitch (H/V)	0.2745 x 0.2745 mm	
	Viewing Angle (H/V)	178°/178°	
	Backlight MTBF (hrs)	30,000 (LED backlight)	
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch	
	Touch Controller	EETI	
	Surface Hardness	6H	
System	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	2 x 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	2 x GbE LAN port
		1 x 12V – 28V DC jack 1 x RS-232/422/485 1 x RJ-11 for 1D/2D barcode reader	4 x USB 3.2 Gen 1 (5Gb/s) 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 802.11a/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 75/100 compliant	
	Weight (Net)	7.5 kg	
Environment	Dimensions (LxWxH)	594.6 x 379.6 x 60.68 mm	
	Operating Temperature	0°C – 40°C	
	Storage Temperature	-20°C – 60°C	
	Humidity	10% – 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 CE, FCC Class B Part18	
	EMC & Safety	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), one 4GB DDR4, 802.11a/b/g/n/ac, PCAP touchscreen, 5-megapixel 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), one 4GB DDR4, 802.11a/b/g/n/ac, PCAP touchscreen, 5-megapixel 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), one 4GB DDR4, 802.11a/b/g/n/ac, PCAP touchscreen, 5-megapixel camera, microphone, R11

Options

Item	Number	Description
RFID	19B00-000434-00-RS	Mifare RFID reader, 13.56MHz, with LED indicator, 200mm antenna, RFID & LED cable, IEI assembly only
TPM	MEDP-TPM-03-R10	Trusted platform module kit with 150mm cable, IEI assembly only
OS Image	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
Cable Cover	41006-1079K6-00-RS	Cable cover for POC-W24C, white, plastic, R10, IEI assembly only

IQ Mounting Options

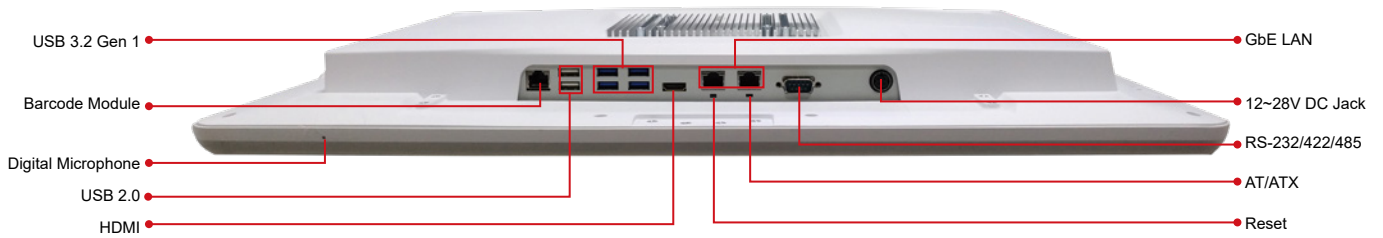
Item	Part No.
Wall Mounting Kit	AFLWK-19B
Arm	ARM-31-RS
Stand	STAND-A21-R10 (black)
	STAND-A21W-R10 (white)

Packing List

Item	Q'ty	Remark
Power Adapter	1	150W medical power adapter Input: 90V – 264V AC; Output: 19V DC
Power Cord	1	European power cord, 183 cm, C13



POC-W24C-ULT3 I/O Interface



POC-W24C-ULT3 Dimensions (Unit: mm)

