

# Point-of-Care Terminal

**POC-17C-ULT3** | 17" Medical Panel PC with 6th Generation Intel® mobile ULT Core™ i7/i5/Celeron® processor

## Features

- 17" 5:4 LED panel (1280 x 1024)
- 6th Generation Intel® mobile ULT Core™ i7-6600U / Core™ i5-6300U / Celeron® 3855U
- Projected capacitive type with 10-point multi-touch
- IP65 compliant front bezel
- Anti-bacteria cover
- RAID function supported (RAID 0 and RAID 1) (only for Core™ i5 or Core™ i7)



### ● Built-in Camera Cover

The camera cover protects the privacy of patients. The built-in design also makes the maintenance more convenient, and prevents cover loss.



### ● RAID 0 and RAID 1 Function

The RAID 0/1 capability offers redundancy through mirroring - data is written identically to two drives. Users in the hospital will not need to worry about data lost anymore. (only for Core™ i5 or above)



### ● E-Window for Multiple Expansion

The reserved PCIe Mini slot for expansion helps system integrators add more functions easily without any additional cost efforts.



## E-Window

### ● Front IP65 Compliance

Easy to clean the front panel by spray and wipe detergent.

### ● Advanced Touchscreen for Saline

The PCAP touch not only supports multi-touch function but also provides smooth control when operating with gloves. Moreover, we cooperate with our suppliers to work hard on avoiding the accidental operating from sterile saline.



## Specifications

Model		POC-17C-ULT3
LCD Specifications	LCD Size	17" (5:4)
	Max. Resolution (W/H)	1280 x 1024
	Brightness (cd/m <sup>2</sup> )	350
	Contrast Ratio	1000:1
	LCD Color	16.7M (RGB 6-bit + Hi-FRC)
	Pixel Pitch (H/V)	0.264 x 0.264 mm
	Viewing Angle (H/V)	170°/160°
	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
	RAM	2 x 260-pin 2400/2133MHz dual-channel DDR4 SO-DIMM, 4GB pre-installed (system max.32GB)
	Storage	1 x mSATA (E-Window) 2 x 2.5" SATA 6Gb/s accessible HDD bay with RAID 0, 1 (RAID is only supported by Core™ i5 and Core™ i7)
	Audio	2 x 2W speaker
	Camera & Microphone	2-megapixel CMOS front-facing camera with auto-focus and digital microphone
	I/O Port	1 x HDMI output 1 x 12V – 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 (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 E-Window slot (full-size PCIe Mini slot with PCIe/mSATA/USB)
	LED	1 x RFID indicator
	Wi-Fi & Bluetooth	IEEE 802.11a/b/g/n/ac 2T2R module with BT V4.1 (M.2 2230 A-E key)
	Other Features	Auto-dimming Yes
	Physical	Construction Material
Mounting		Wall, Stand and Arm; VESA 75/100 compliant
Weight (Net)		6.0 kg
Dimensions (LxWxH)		435 x 376 x 64.5 mm
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 65°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
	Thermal	Fanless
Power	Power Input	19V DC input
	Power Adapter	150W medical power adapter
Certification	EMC & Safety	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-17C-ULT3-C/PC/4G-R11	17" 350 cd/m <sup>2</sup> 1280x1024 panel PC with 6th Generation 14nm Intel® Mobile Celeron® 3855U (15W) 1.6GHz on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2-megapixel camera, microphone, R11
POC-17C-ULT3-i5/PC/4G-R11	17" 350 cd/m <sup>2</sup> 1280x1024 Panel PC with Intel® 14nm 6th Generation Mobile Core™ i5-6300U (15W) 2.4GHz on-board processor (ULT), 1 x 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R11
POC-17C-ULT3-i7/PC/4G-R11	17" 350 cd/m <sup>2</sup> 1280x1024 Panel PC with Intel® 14nm 6th Generation Mobile Core™ i7-6600U (15W) 2.6GHz on-board processor (ULT), 1 x 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R11

## Options

Item	Number	Description
RFID	19B00-000433-00-RS	Mifare RFID reader, 13.56MHz, with LED indicator and 100mm antenna, IEI assembly only
TPM	MEDP-TPM-02-R10	Trusted platform module kit with 300mm 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	43103-4506K6-00-RS	Cable cover for POC-17C, white, plastic, R10, IEI assembly only

## IQ Mounting Options

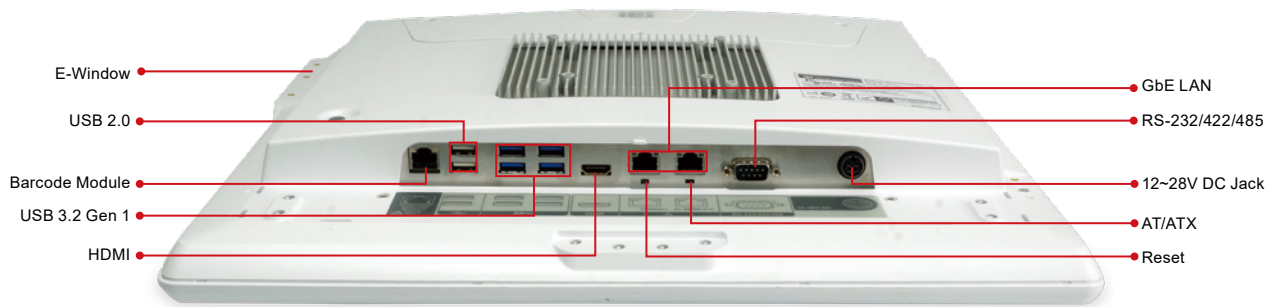
Item	Part No.
Wall Mounting Kit	AFLWK-19B
Arm	ARM-31-RS
Stand	STAND-A21-R10 (black)
	STAND-A21W-R10 (white)

## 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-17C-ULT3 I/O Interface



## POC-17C-ULT3 Dimensions (Unit: mm)

