

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 ²)	350
	Contrast Ratio	1000:1
	LCD Color	16.7M
	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	Two 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 function only for 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 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 E-Window slot (Full-size PCIe Mini slot with PCIe / mSATA / USB)
	LED	1 x RFID indicator
	Wi-Fi & Bluetooth	IEEE 802.11 a/b/g/n/ac 2T2R module with BT V4.1 (M.2 2230 A-E key)
	Other Features	Auto-dimming Yes
Physical	Construction Material	ABS+PC plastic with anti-bacterial material pantone RAL 9016 (Apple white)
	Mounting	Wall, Stand and Arm VESA 100/75
	Weight (Net)	6.0 Kg
	Dimensions (LxWxH)	435 x 64.5 x 376 mm
Environment	Operating Temperature	0°C~40°C
	Storage Temperature	-20°C~65°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
	Thermal	Fanless
Power	Power Input	19V DC input
	Power Adapter	150W medical power adapter
Certification	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-17C-ULT3-C/PC/4G-R10	17" 350 cd/m ² 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, R10
POC-17C-ULT3-i5/PC/4G-R10	17" 350 cd/m ² 1280x1024 Panel PC with 6th generation 14nm Intel® mobile Core™ i5-6300U (15W) 2.4GHz on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2-megapixel camera, microphone, R10
POC-17C-ULT3-i7/PC/4G-R10	17" 350 cd/m ² 1280x1024 Panel PC with 6th generation 14nm Intel® mobile Core™ i7-6600U (15W) 2.6GHz on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2-megapixel camera, microphone, R10

Options

Number	Description
MEDP-HD-R10	Metal handle covered with soft rubber
MEDP-MF-RFID-R11	Mifare RFID reader, 13.56MHz, with LED indicator and 100mm antenna, IEI assembly only
MEDP-TPM-02-R10	Trusted platform module kit with 300mm 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
POCP-CC03-R10	POC-17C-ULT3 cable cover, white, plastic, R10

IQ Mounting Options

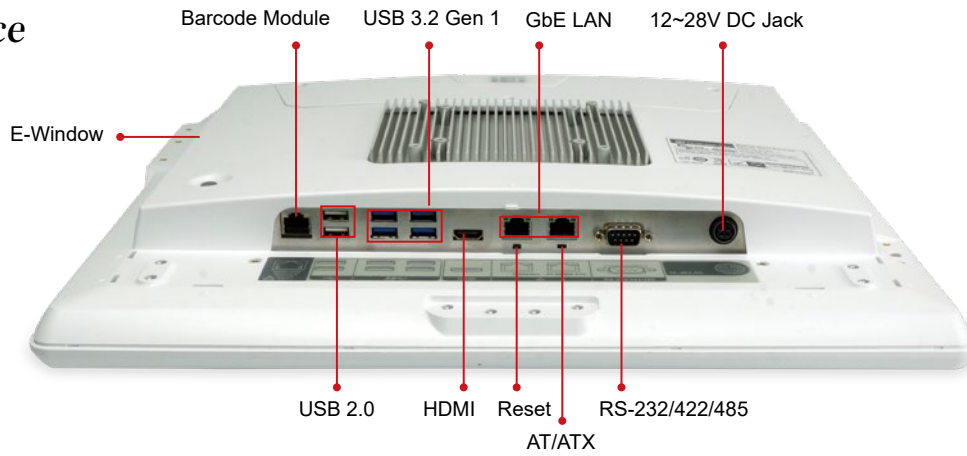
Item	Part No.
Wall Mount Kit	AFLWK-19B
Arm	ARM-31-RS
Stand	STAND-A21-R10

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



POC-17C-ULT3 I/O Interface



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

