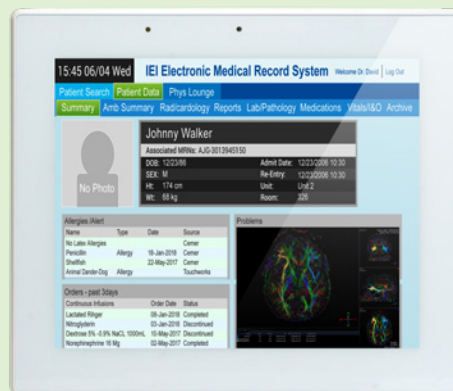# Point-of-Care Terminal

POC Series

NEW

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)

Intel® Skylake-U | **RAID** | **Fanless** | **RFID** | **Camera** | **SCR** | **IP65** | **Multi-touch** | **Anti-bacteria** | **E-Window**

● 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 when spray the detergent and wipe at the front

● 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 Display	17" (5:4)
Max Resolution	1280 (W) x 1024 (H)
Brightness (cd/m²)	350
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.264 (H) x 0.264 (V)
Viewing Angle (H-V)	170° / 160°
Backlight MTBF (hrs)	30000 (LED backlight)
Touch	
Touchscreen	Projected capacitive type with 10-point multi-touch
Surface Hardness	6H
System	
CPU Support	6th Generation Intel® mobile ULT Core™ i7-6600U / Core™ i5-6300U / Celeron® 3855U
RAM	Two 260-pin 1600/1333MHz dual-channel DDR4 SO-DIMM, 4GB pre-installed (system max.32GB)
I/O Port	1 x RJ-11 for barcode module (1D/2D) 4 x USB 2.0 (2 for side) 4 x USB 3.0 port 1 x HDMI output 2 x GbE LAN port 1 x RS-232/422/485 1 x 12~28V DC jack
Storage	2 x 2.5" SATA 6Gb/s accessible HDD bay with RAID 0,1 (RAID function only for Core™ i5 and Core i7™) 1 x mSATA (E-Window)
Audio	2 x 2W speaker and digital microphone
Webcam & Microphone	2-megapixel CMOS front-facing camera with auto-focus and digital microphone
Expansion	1 x E-Window slot (full-size PCIe Mini slot with PCIe/mSATA/USB)
Other Features	
Function Key	1 x LCD on/off 1 x Brightness up 1 x Brightness down 1 x Volume up 1 x Volume down 1 x Touch lock button for cleaning Combinations: 1 x Lock/Unlock OSD 1 x Power on/off
Auto-dimming	Yes
Thermal	Fanless
Connectivity	
Wi-Fi and Bluetooth	IEEE 802.11 a/b/g/n/ac 2T2R module with Bluetooth V4.1 (M.2 2230 A-E key module)
Physical	
Construction Material	ABS+PC plastic with anti-bacterial material pantone RAL 9016 (apple white)
Mounting	Wall, Stand and Arm VESA 100/75
Net Weight	6.0 Kg
Dimensions (WxHxD) (mm)	435 x 376 x 64.5
Environment	
Operating Temperature	0°C ~4 0°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	IP65 compliant front panel
Power	
Power Input	12V~28V DC input
Power Adapter	120W medical power adapter: Input: 90V~264V AC, Output: 19V DC
Certification	CE, FCC Class B part 18,ANSI/AAMI ES60601-1 CAN/CSA-C22.2 No. 60601-1:14,IEC 60601-1-6/IEC62366,ISO 14971

Ordering Information

Part No.	Description
POC-17C-ULT3-C/PC/4G-R10	17" 350 cd/m² 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/m² 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/m² 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

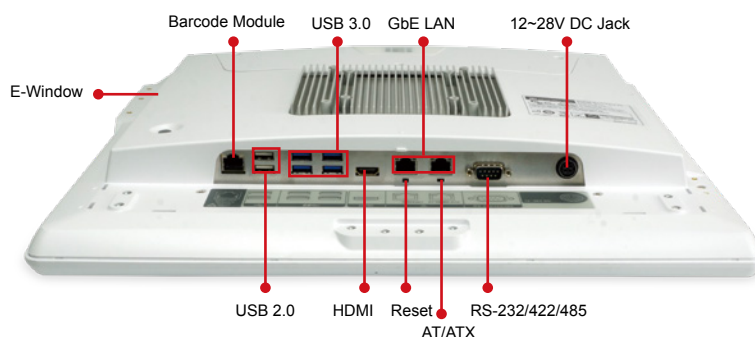| Number	Description
MEDP-HS-R10	USB interface VoIP phone and its holder, white
MEDP-CR-02-R10	Magnetic card reader/Smart card reader/Fingerprint sensor, white
MEDP-HD-R10	Metal handle covered with soft rubber
MEDP-HD-BR-R11	Metal handle covered with soft rubber, with barcode reader and reading light, white
MEDP-MF-RFID-02-R10	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
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
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-300SW-RS/STAND-A21-R10

Packing List

Item	Part No.	Q'ty	Description
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

VoIP Phone (optional)

3-in-1 Card Reader (optional)

Mifare RFID module(optional)

I/O Interface

Barcode Module   USB 3.0   GbE LAN   12~28V DC Jack

E-Window

USB 2.0   HDMI   Reset   RS-232/422/485

AT/ATX

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

435
338.92
271.34
375.85
26.2
64.5
73.2

100
75
8-KFE-M4-5L
75
100