

Medical Panel PC

Preliminary

POC-17C-ULT3

17" Medical Grade Panel PC

Features

- 17" 5:4 LED Panel (1280 x 1024)
- Intel® Skylake-ULT platform Core™ i5-6300U and Celeron® 3955U
- Projected capacitive touchscreen supports multi-touch
- IP65 compliant front bezel
- Anti-bacteria cover
- RAID function supported (RAID 0 and RAID 1)
- Optional 3-in-1 card reader: MSR, SCR and fingerprint
- Optional Mifare RFID module
- Optional VoIP phone handset
- Optional handle module with barcode scanner and reading light



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.



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/m ²)	350	
	Contrast Ratio	1000:1	
	LCD Color	16.7M colors (RGB 6-bit)	
	Pixel Pitch (mm)	0.264 (H) x 0.264 (V)	
	Viewing Angle (H-V)	170°(H) / 160°(V)	
	Backlight MTBF (hrs)	30000 (LED backlight)	
Touch	Touchscreen	Projected capacitive type with USB interface	
	Touch Controller	ILITEK	
	Surface Hardness	6H	
System	CPU Support	Intel® Skylake-ULT platform Core™ i5-6300U and Celeron® 3955U	
	RAM	Two 260-pin 2133/1866 MHz dual-channel DDR4 non-ECC unbuffered SO-DIMMs (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 HDD bay 1 x mSATA reserved (M.2 interface)	
	Audio	2 x 2W speaker	
	Webcam & Microphone	2-megapixel CMOS front-facing camera with auto-focus and digital microphone	
	Expansion Interface	1 x PCIe Mini reserved	
	LED Indicator	RFID indicator LED	
	Other Features	Mifare RFID	Optional: Mifare 13.56 MHz card reader
		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
Light Sensor		Ambient light sensor for panel brightness adjustment	
Cooling Method		Fan-less	
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	
	Mounting	Wall, Stand and Arm VESA 100mm x 100mm / 75mm x 75mm	
	Net Weight	5.8 Kg	
	Dimensions (WxHxD) (mm)	435 x 376 x 64.5	
Environment	Operating Temperature	0°C~40°C	
	Storage Temperature	-20°C~60°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: 100V~240V AC, Output: 19V DC	

Ordering Information

Part No.	Description
POC-17C-ULT3-C/PC/4G-R10	17" 350 cd/m ² 1280 x 1024 panel PC with Intel® 14nm 6th generation mobile Celeron® 3955U (15W) 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 1280 x 1024 panel PC with Intel® 14nm 6th generation mobile Core™ i5-6300U (15W) 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 1280 x 1024 panel PC with Intel® 14nm 6th generation mobile Core™ i7-6600U (15W) 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-R10	Magnetic card reader/Smart card reader/Fingerprint sensor, white
MEDP-HD-R10	Metal handle covered with soft rubber
MEDP-HD-BR-R10	Metal handle covered with soft rubber, with barcode reader and reading light, white
MEDP-MF-RFID-R10	MIFARE RFID reader, 13.56MHz, with LED indicator, IEI assembly only
MEDP-TPM-R10	Trusted platform module kit, IEI assembly only
MEDP-EZS-R10	VESA 100 x 100 mm panel PC stand with a cable management hole, white

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
Utility CD		1	Drivers and User Manual
Power Adapter		1	120W medical power adapter: Input: 100V~240V AC, Output: 19 V DC
Power Cord		1	European power cords, 183 CM, C13

I/O Interface

