

# 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
- » Certification: CE, FCC Class B Part18, IEC 60601-1-2:2005+AMD1:2012 ( Edition 3.1), IEC 60601-1-2:2014 (Edition 4.0)
- » 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

## Specifications

Communication	
Bluetooth	V4.1 (M.2 2230 A-E key module)
Wi-Fi	IEEE 802.11 a/b/g/n/ac 2T2R module
Environment	
Humidity	10% to 95% (non-condensing)
IP Level	IP 65 compliant front panel
Operating Shock	Operating Shock: 5G peak acceleration (11ms duration) Non-Operating Shock: 15G peak acceleration (11ms duration)
Operating Temperature	0°C~40°C
Operating Vibration	1G
Storage Temperature	-20°C~60°C
Function Key	
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
I/O Interface	
Audio	2 x 2W speaker
Expansion	1 x PCIe Mini reserved
I/O Ports and Switches	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
<b>LCD</b>	
Backlight MTBF	30000 (LED backlight)
Brightness (cd/m <sup>2</sup> )	350
Contrast Ratio	1000:1
LCD Color	16.7M colors (RGB 6-bit)
Pixel Pitch (mm)	0.264 (H) x 0.264 (V)
Resolution	1280 (W) x 1024 (H)
Size	17" (5:4)
Viewing Angle (H-V)	170°(H) / 160°(V)
<b>Other Features</b>	
Ambient Light Sensor	Ambient light sensor for panel brightness adjustment
Camera	2-megapixel CMOS front-facing
Microphone	digital microphone
RFID Reader	Optional: Mifare 13.56 MHz card reader
System Cooling	Fanless
<b>Physical Characteristics</b>	
Construction	ABS+PC plastic with anti-bacterial material
Dimensions (LxWxH) (mm)	435 x 376 x 64.5
Mounting	Wall, Stand and Arm VESA 100mm x 100mm / 75mm x 75mm
<b>Power</b>	
Input	12V~28V DC input
Power adapter	120W medical power adapter: Input: 100V~240V AC, Output: 19V DC
<b>System</b>	
Cooling method / System Fan	Fanless
CPU	Intel® Skylake-ULT platform Core™ i5-6300U and Celeron® 3955U
Memory Max.	Two 260-pin 2133/1866 MHz dual-channel DDR4 non-ECC unbuffered SO-DIMMs (system max. 32GB)
Storage	2 x 2.5" SATA 6Gb/s HDD bay 1 x mSATA reserved (M.2 interface)
<b>Touch</b>	
Touch Controller	ILITEK
Touch Screen	Projected capacitive type with USB interface Surface Hardness: 6H
<b>Weight</b>	
Weight	5.8 Kg
<b>LED Function</b>	
LED Function	RFID indicator LED

## Ordering Information

POC-17C-ULT3-i7/PC/4G-R10	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*4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R10
POC-17C-ULT3-i5/PC/4G-R10	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*4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R10
POC-17C-ULT3-C/PC/4G-R10	17" 350 cd/m <sup>2</sup> 1280x1024 Panel PC with Intel® 14nm 6th Generation Mobile Celeron® 3855U (15W) 1.6GHz on-board processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R10

## Packing List

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1 x Power Adapter	1 x Power Cord
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