

IPC Medical Panel PC

Features

- 17"~19" multi-functional panel PC with touchscreen
- Powered by high-performance Intel® mobile Core™ i7/ i5/ i3 CPU with Intel® HM55 chipset
- System memory supports DDR3 SDRAM SO-DIMM up to 8 GB
- HDMI interface provides second display with vivid image quality
- 802.11a/b/g/n high speed wireless
- Dual gigabit Ethernet



Specifications

Model		POC-17i	POC-19i
LCD Touch Specification	LCD Size (inch)	17"	19"
	Max. Resolution	1280 (W) x 1024 (H)	
	Brightness (cd/m ²)	350	350
	Contrast Ratio	800:1	1000:1
	LCD Color	16.7M	
	Viewing Angle (H-V)	170°/160°	
	Touchscreen	5-wire resistive type	
System	CPU	Intel® mobile Core™ i7/i5/i3 CPU with Intel® HM55 chipset	
	Chipset	Intel® HM55	
	Memory	Two 204-pin 800/1066 MHz DDR3 dual-channel SO-DIMM (system max. 8GB)	
	I/O Ports	1 x RS-232 by DB-9 2 x GbE LAN by RJ-45 1 x HDMI port 1 x VGA port by DB-15 1 x Power switch	1 x RS-232 or RS-422/485 by DB-9 4 x USB connector 1 x Audio jack (line-out) 1 x Reset button 1 x Power jack
	Drive Bay	1 x 2.5" SATA HDD bay for SATA storage devices	
	Audio	AMP 3W + 3W (internal speaker)	
	LED Function	One power on/off LED on front panel	
	OSD Function	Five buttons (LCD on/off, Light +/-, Audio +/-)	
Wireless	Wi-Fi	802.11a/b/g/n	
Physical	Construction Material	Anti-bacteria plastic front frame	
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 100 mm x 100 mm	Panel, Wall, Stand and Arm VESA 100 mm x 100 mm
	Net Weight	6.0 kg	6.2 kg
	Dimensions (WxHxD) (mm)	428 x 350 x 76	470 x 383 x 79
Environment	Operating Temperature (°C)	0°C~40°C	
	IP Level	IP 64 compliant front panel	
Power	Power Requirement	12V DC input	
	Power Adapter	96W medical power adapter: Input: 90V~264V AC; Output: 12V DC	
Certification	CE, FCC class B part 18, UL 60601-1, EN 60601-1		

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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
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

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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-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-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
Utility CD		1	Drivers and User Manual
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



I/O Interface

