

# POC-W22A-H81

21.5" Medical Grade Panel PC



## Features

- » W21.5" 16:9 LED panel with FHD (1920 x 1080)
- » 4th generation Intel® Core™ i5/i3/Pentium® CPU
- » Projected capacitive touchscreen supports multi-touch
- » IP65 compliant front bezel
- » Anti-bacteria cover
- » Optional 3-in-1 card reader: MSR, SCR and fingerprint
- » Optional Mifare RFID module
- » Optional internal 54W battery module
- » Optional VoIP phone handset
- » Optional handle module with barcode scanner and reading light

## Specifications

Communication	
Wi-Fi	802.11a/b/g/n
Dimensions	
Dimensions	470 x 383 x 79
Environment	
IP Level	IP 65 compliant front panel
Operating Temperature	0°C ~ 40°C
I/O Interface	
Audio	2 x 3W AMP
I/O Ports	1 x RS-232/422/485
	2 x GbE LAN by RJ-45 (1 for iRIS)
	1 x Power button
	1 x VGA output
	1 x HDMI™ output
	1 x 9V~28V DC Jack
	2 x USB 3.0
	4 x USB 2.0 (2 on bottom and 2
LCD	
Backlight MTBF	30000
Brightness (cd/m2)	250
Contrast Ratio	1000:1
LCD Color	16.7M
Resolution	1920 (W) x 1080 (H)
Size	21.5"
Viewing Angle (H-V)	170°/160°
Physical Characteristics	
Construction	Anti-bacteria plastic front frame
Mounting	Panel, Wall, Rack, Stand and Arm
	VESA 100mm x 100mm

Net Weight	7.3 kg
Power	
Power adapter	Medical Grade. AC 90V~264VAC input to DC 12V output
Power Requirement	DC 12V input
System	
Chipset	Intel® H81
CPU	Intel® desktop Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® H81 chipset (Up to TDP 35W CPU)
Drive Bays	1 x 2.5" SATA HDD
Memory Max.	Two 204-pin 1600/1333MHz dual-channel DDR3 SDRAM, 4GB pre-installed (system max.16GB)
Touch	
Touch Screen	Projected Capacitive Touch screen
LED Function	
LED Function	One power on/off LED on front panel
OSD Function	
OSD Function	Five buttons (LCD on/off, Light +/-, Audio +/-)

## Ordering Information

POC-W22A-H81i-P/PC/4G-R11	21.5" 250cd/m <sup>2</sup> FHD Medical panel PC with Intel H81 chipset, Pentium Dual Core G3320TE Processor (2.3 GHz), TDP 35W, 2*2GB DDR3 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 2M camera, microphone, support iRIS-2400, R11
POC-W22A-H81i-i5/PC/4G-R11	21.5" 250cd/m <sup>2</sup> FHD Medical panel PC with Intel H81 chipset, Dual Core i5-4570TE Processor (2.7 GHz), TDP 35W, 2*2GB DDR3 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 2M camera, microphone, support iRIS-2400, R11
POC-W22A-H81i-i3/PC/4G-R11	21.5" 250cd/m <sup>2</sup> FHD Medical panel PC with Intel H81 chipset, Dual Core i3-4330TE Processor (2.4 GHz), TDP 35W, 2*2GB DDR3 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touchscreen, 2M camera, microphone, support iRIS-2400, R11