

All-in-one Medical Panel PC

## POC-517A

**Fanless**

**Fanless & High-Performance All-in-one Medical Panel PC**

- 17" all-in-one medical panel PC
- Intel® GM45 chipset and Core™ 2 Duo CPU support
- Optical drive for burning images to DVD
- Built-in HDMI and DisplayPort for dual display
- Optional HSDPA module for mobile connection
- One CompactFlash slot for embedded applications
- User-friendly touch screen

### The Best Processing Terminal for Surgery

The sophisticated POC-517A is a high-performance processing terminal for electronic healthcare records. The fanless design ensures the most reliable use in a surgery where the environment is critical. The built-in HDMI and DisplayPort bring dual-display advantage for image comparison. The side optical drive enables real-time record and image burning requirement of surgical application. The medical certified emission testing ensures no interruption with other medical devices, allowing the most reliable use, even in critical environments like the operating room.



### Powerful Processing Capability

The POC-5/A series are supported by Intel® Core™ 2 Duo processor. The high performance feature enables complex data processing, perfect for 3D image viewing purpose.

### Optical Drive for Image burning Advantage

The POC-5/A series has a optical drive at the side of the panel, allowing real-time image burning purpose. The built-in optical drive makes POC-5/A series a perfect image processing terminal.

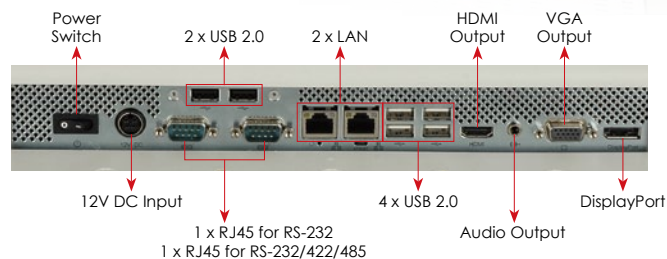
Optical Drive



Adapter  
DC 12V Power In



\* Stand is an optional item

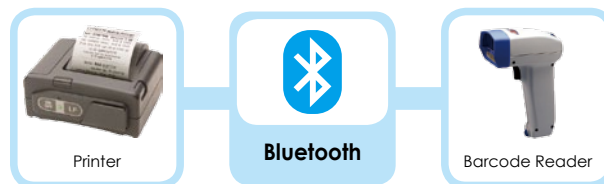


### Superior Heat Dissipation

Unique heat sink design for POC-5/A series mechanism allows air to easily flow rapidly through the cooler and reach all the cooling fins.

### Bluetooth Module for Perfect Connections

The preinstalled PACSmate bluetooth module provides a wireless connection to a wide range of medical peripheral devices. High speed data transmission through the USB 2.0 interface is perfect for processing patient data.



### Reliable Touch Screen Design

The POC-5/A series are equipped with reliable 5-wire resistive type touch screen. The touch screen makes medical order entry much easier when used as an information terminal.



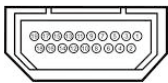
### IP 65 Front Panel for Best Reliability

The POC-5/A series are designed with IP 65 dustproof and waterproof front panel, allowing easy cleaning with disinfectant Without harming the panel itself.

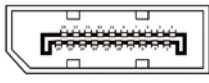


## New HDMI/DisplayPort Choice

DisplayPort is a digital display interface standard put forth by the Video Electronics Standards Association (VESA). It defines a new license-free, royalty-free, digital audio/video interconnect, intended to be used primarily between a computer and its display monitor. The new HDMI/DisplayPort on the POC-5/A series enable the connection with the latest video device.



HDMI



DisplayPort

## 802.11 a/b/g/n ready with invisible antenna

The POC-5/A series systems have two Gigabit Ethernet LAN connectors and wireless 802.11 a/b/g/n network connections, enabling better link quality through accurate network selection. The powerful 802.11 a/b/g/n wireless connection increases redundancy and ensures reliable network for real-time medical record processing.

	802.11a	802.11b	802.11g	802.11n
Data Rate (Mbps)	54	11	54	540
Range (Radius Indoor)	35 Meters	38 Meters	38 Meters	250 Meters
Range (Radius Outdoor)	120 Meters	140 Meters	140 Meters	250 Meters
Radio Frequency	5.15 GHz to 5.85 GHz	2.4 GHz to 2.5 GHz	2.4 GHz to 2.5 GHz	2.4 GHz or 5.0 GHz

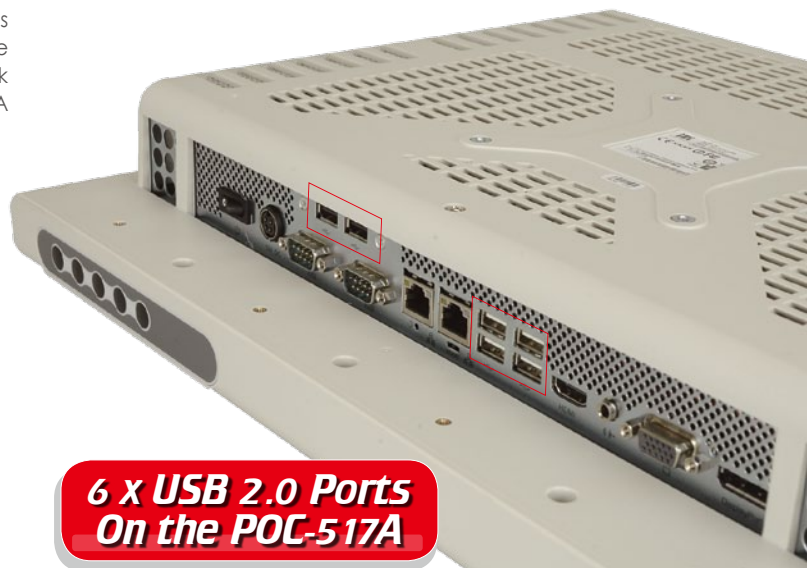


27 times faster than 802.11b,  
no cables or installation fees



## Super Connection Advantage

The POC-517A has 6 x USB ports to connect with numerous medical devices and peripherals, such as printers, barcode readers and scanners. The numerous USB ports allow quick processing of electronic medical record, making the POC-517A a perfect information terminal for e-medical applications.



**6 x USB 2.0 Ports  
On the POC-517A**

## Specifications



Model	POC-517A
CPU	Intel® Core™ 2 Duo Socket P (T9400-2.53G/T7500-2.2G/P8400-2.26G)
Chipset	Intel® GM45 + ICH9M
RAM Slots	2 x 2.0 GB (max.) DDR2 SO-DIMM (system max. 4.0 GB)
LCD Size	17"
Resolution	1280 x 1024
Touch Screen	Resistive 5-Wire
I/O Ports	6 x USB 2.0 2 x RS-232 2 x Giga LAN 1 x Audio 1 x VGA 1 x HDMI 1 x DisplayPort 1 x Power inlet connector
Driver Bay	1 x 2.5" SATA HDD 1 x IDE CF card 1 x Slim Type DVD Combo
Wireless (Mini PCIe interface)	802.11 a/b/g/n
Bluetooth (USB interface)	Yes
Speakers	2 x 3W AMP
OSD Function	Five bottom panel buttons for LCD on/off, Light +, -, Audio +, -
LED Function	One front panel Power On/Off LED
Power In	DC 12V input
Power Adapter	Medical Grade, AC 100V ~ 240V input to DC 12V output
IP Level	IP65 on front panel
Operation Temperature	0°C ~ 40°C
Safety & EMI	UL60601-1, EN60601-1, CE(EN60601-1-2), FCC Class B
Dimensions (WxHxD)(mm)	428 x 350 x 76
Net Weight (kg)	7.0
Optional Mounting Kit	Wall mount kit: AFLWK-19 ARM: ARM-11-RS, ARM-31-RS STAND: STAND-A19, STAND-B19, STAND-C19

## Ordering Information

### Ordering Information (for POC-517A)

Part No.	Description
POC-517A-P84/OD/2G/160G-R20	17" Fanless Medical Panel PC, with Core™ 2 Duo 2.26GHz(P8400), 2GB DDR2 RAM, 160GB SATA HDD, Wireless 802.11 a/b/g/n, Bluetooth, Touch Screen, Slim DVD-RW, RoHS
POC-517A-T75/OD/2G/160G-R20	17" Fanless Medical Panel PC, with Core™ 2 Duo 2.2GHz(T7500), 2GB DDR2 RAM, 160GB SATA HDD, Wireless 802.11 a/b/g/n, Bluetooth, Touch Screen, Slim DVD-RW, RoHS
POC-517A-T94/OD/2G/160G-R20	17" Fanless Medical Panel PC, with Core™ 2 Duo 2.53GHz(T9400), 2GB DDR2 RAM, 160GB SATA HDD, Wireless 802.11 a/b/g/n, Bluetooth, Touch Screen, Slim DVD-RW, RoHS