

# MPC-508/508H

8.4" TFT LCD Portable Medical Panel PC

*Best Portable Medical System Solution !!*

Analog VGA Input



**MPC-508**

OSD Controller

Two USB Ports



**MPC-508H**

OSD Controller

Two USB Ports

Programmable Function Keys

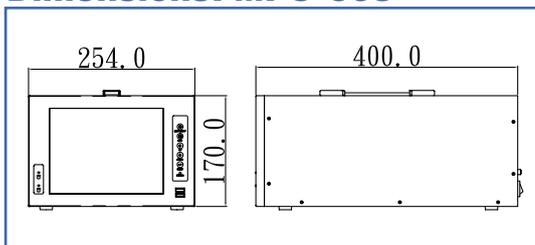
IEI is devoted to developing high-performance and high-reliability Panel PC systems for the medical market. Our products seek to fulfill the medical industry's specific needs, and are ready to be installed into system integrator's various applications.

The MPC-508 series are portable Panel PC. This medical system meets UL2601-1/EN60601-1 standard and the low leakage current power supply enables it to be a secure point-of-care solution for patients and hospital practitioners. The MPC-508 series are especially designed to ensure dust resistance with its protected LCD. It is equipped with a high brightness 250 cd/m<sup>2</sup> LCD that makes the MPC-508 series a perfect image terminal in PACS & DICOM applications.

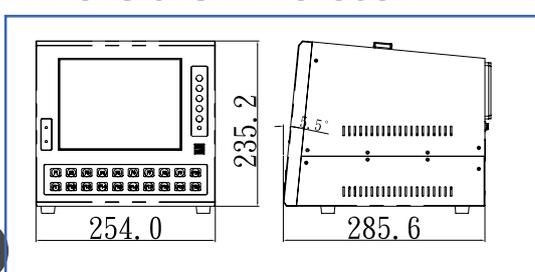
## Main Feature

- ◆ Extremely convenient for field service
- ◆ Powerful and easy-to-use platform
- ◆ Rugged housing design
- ◆ Front panel with two USB ports, OSD Function
- ◆ Front panel equipped with 20 function keys (MPC-508H)
- ◆ Removable filter (MPC-508H)

## Dimensions: MPC-508



## Dimensions: MPC-508H



## SPECIFICATIONS

- ◆ Heavy duty steel made chassis for harsh environment
- ◆ 7-slot full size medical panel PC (MPC-508)
- ◆ 6-slot half size medical panel PC (MPC-508H)
- ◆ Front panel support OSD (On Screen Display) function
- ◆ 8.4" TFT LCD Display Module with OSD function
  - Display type : TFT
  - Resolution : 800 x 600
  - Support color : 262K color (18bit)
  - Brightness : 250cd/m<sup>2</sup>
  - Pixel Pitch : 0.213(H) x 0.213(W)
  - Viewing Angle : 80°(Horizontal) , 40°(Vertical)
  - LCD MTBF: 50,000 hrs
  - Backlight MTBF: 25,000 hrs
- ◆ Drive Bays: 1x3.5" HDD , 1x3.5" FDD , 1xslim type CD-ROM (MPC-508)  
2x3.5" HDD , 1x3.5" FDD , 1xslim type CD-ROM (MPC-508H)
- ◆ Removable filter (MPC-508H)
- ◆ Front panel with membrane programmable function key (MPC-508H)
- ◆ Front panel equipped with two USB ports
- ◆ Optional Backplane :
  - MPC-508: PCIAGP-6S(R), PCI-7S, IP-7SA
  - MPC-508H: IP-6SA
- ◆ Power Supply : Standard equipped with ACE-818APM 180W ATX medical Power Supply with PFC function
- ◆ Vibration : 5~17Hz, 0.1"double amplitude displacement  
17~640 Hz, 1.5G acceleration peak to peak
- ◆ Shock : 10G acceleration part to part (11ms)
- ◆ Operating temperature : 0~50°C
- ◆ Color : White (PANTONE 413 C)
- ◆ Dimension : 254mm(W) x 170mm(H) x 400mm(D) (MPC-508)  
254mm(W) x 235mm(H) x 286mm(D) (MPC-508H)

## ORDERING INFORMATION

- **MPC-508W/ACE-818APM**  
8.4" TFT LCD 7-slot Full size Portable Medical Panel PC
- **MPC-508HW/ACE-818APM**  
8.4" TFT LCD 6-slot Half size Portable Medical Panel PC

### Option

- **T-R084B**  
8.4" 3M Resistive touch screen