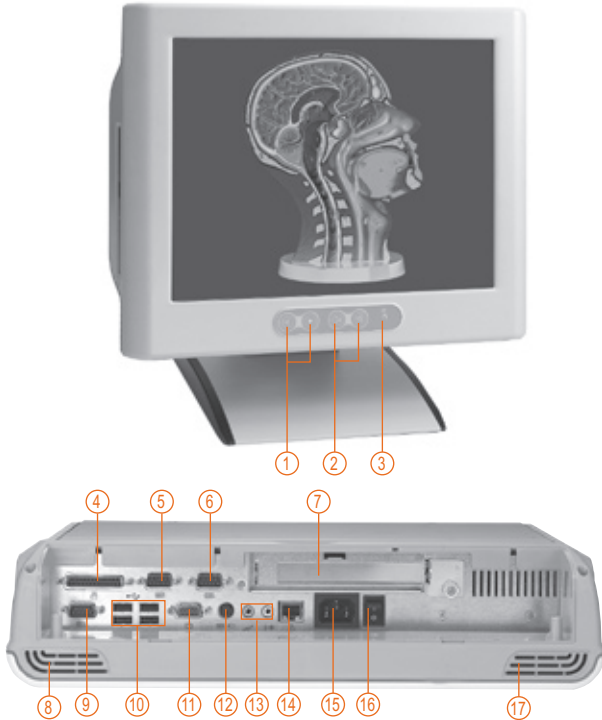


# MPC150-810-FL

15" TFT Fanless Medical Grade Panel Computer with Intel® Pentium® M Processor up to 1.4 GHz



- |                              |                           |                             |                   |
|------------------------------|---------------------------|-----------------------------|-------------------|
| 1. Brightness adjust buttons | 5. COM 2 (RS-232/422/485) | 10. USB 2.0 x 4             | 15. AC inlet      |
| 2. Volume adjust buttons     | 6. COM 3 (RS-232)         | 11. VGA                     | 16. Power switch  |
| 3. Power LED                 | 7. PCI slot               | 12. PS/2 K/B+M/S            | 17. Speaker(L)    |
| 4. Parallel port             | 8. Speaker(R)             | 13. Audio (Mic-in/Line-out) | 18. CompactFlash™ |
|                              | 9. COM 1 (RS-232)         | 14. Ethernet                |                   |

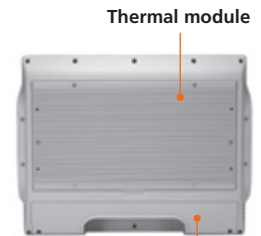
## Features



- ▶ 15" high brightness (350 nits) XGA TFT LCD
- ▶ Fanless LV Intel® Pentium® M or ULV Intel® Celeron® M processor
- ▶ Medical grade for e-healthcare terminal application
- ▶ UL 60601-1/EN60601-1, CE & FCC class B certified
- ▶ Spill and dust resistant (front panel: IP65, whole enclosure: IPx1)
- ▶ DualView supported
- ▶ Built-in CD-ROM drive (optional combo drive)
- ▶ 1 PCI expansion slot
- ▶ Built-in speakers
- ▶ Built-in internal wireless (802.11 b/g) antenna (optional)



Compact CD-ROM drive



Thermal module

I/O cover

## Introduction

The MPC150-810-FL is a high performance 15-inch fanless, ultra slim medical grade panel computer, which supports superior LV Intel® Pentium® M 1.4G or ULV Celeron® M 1GHz/OKB processor. The fanless and waterproof design (front panel: IP65, whole enclosure: IPx1) make the MPC150-810-FL extremely reliable and suitable for medical environment. This medical grade panel computer features an Intel® 855GME/852GM chipset with a maximum of 64MB onboard graphic memory, which offers excellent graphic performance. The panel also

supports DualView and multiple I/O options including 4 USB 2.0, 2 RS-232 and 1 RS-232/422/485. With low operation noise, low power consumption, high reliability and high performance, excellent industrial design, and a user-friendly interface, the MPC150-810-FL can ensure customer's project success and is the most safe, reliable & user-friendly medical panel computer ideally for POC (Point of Care) and excellent HMI for medical equipments.

## Specifications

Front Bezel	Plastic ABS	
LCD Panel	Display Type	15" XGA TFT
	Brightness (cd/m <sup>2</sup> )	350 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	140°/125°

Main System	CPU	Fanless LV Intel® Pentium® M or ULV Intel® Celeron® M processor
	Chipset	Intel® 855GME/852GM GMCH
	System Memory	Supports 1 x DDR DIMM memory up to 1GB
	Storage	Supports 1 x 2.5" IDE or SATA HDD Supports 1 x CompactFlash™
	Optical Drive	1 x compact 24X CD-ROM or optional 8X/24X combo drive
	Watchdog Timer	1024 levels

I/O Connectors	2 x RS-232 (COM 1/3) 1 x RS-232/422/485 (COM 2) 1 x LPT 4 x USB 2.0 1 x PS/2 keyboard/mouse 1 x Audio (Mic-in/Line-out) 1 x VGA out (supports DualView) 1 x 10/100Mbps Ethernet
Expansion Interface	1 x PCI slot
Touchscreen	Resistive type Light transmission: 80% Touch life 35 million touches
Power Supply	Medical grade AC 90~264V, AT 100W power supply
Dimensions	396mm (15.59") (W) x 92mm (3.62") (D) x 312mm (12.28") (H)
Weight (net/gross)	7.5 kg (16.5 lb)/10.4 kg (22.93 lb)
Environmental	Operation temperature: 0°C - 40°C (32°F -104°F) Relative humidity: 10% ~ 95%, non-condensing Shock: 10G peak acceleration (11 sec. duration)
Certification	CE, FCC class B, EN60601-1, UL60601-1

## Ordering Information

MPC150-810-FL1.4G-AC-CD	15" TFT fanless medical grade panel computer with LV Intel® Pentium® M 1.4 GHz processor, resistive T/S, slim CD-ROM
MPC150-810-FL1GE-AC-CD	15" TFT fanless medical grade panel computer with ULV Intel® Celeron® M 1 GHz/0KB processor, resistive T/S, slim CD-ROM
MPC150-810-FL1.4GE-AC-CO	15" TFT fanless medical grade panel computer with LV Intel® Pentium® M 1.4 GHz processor, resistive T/S, slim Combo
MPC150-810-FL1GE-AC-CO	15" TFT fanless medical grade panel computer with ULV Intel® Celeron® M 1 GHz/0KB processor, resistive T/S, slim Combo
MPC150-810-FL1.4G-AC w/o CD-ROM	15" TFT fanless medical grade panel computer with LV Intel® Pentium® M 1.4 GHz processor, resistive T/S, w/o CD-ROM
MPC150-810-FL1GE-AC w/o CD-ROM	15" TFT fanless medical grade panel computer with ULV Intel® Celeron® M 1 GHz/0KB processor, resistive T/S, w/o CD-ROM

\*Specifications and certifications are limited to optional.

\*\*Combo: Combo drive includes DVD-R and CD-RW.

## Optional Accessories

VM-105	VESA ARM (wall-mount type)
VM-101	VESA ARM (clamp type)
Stand kit	

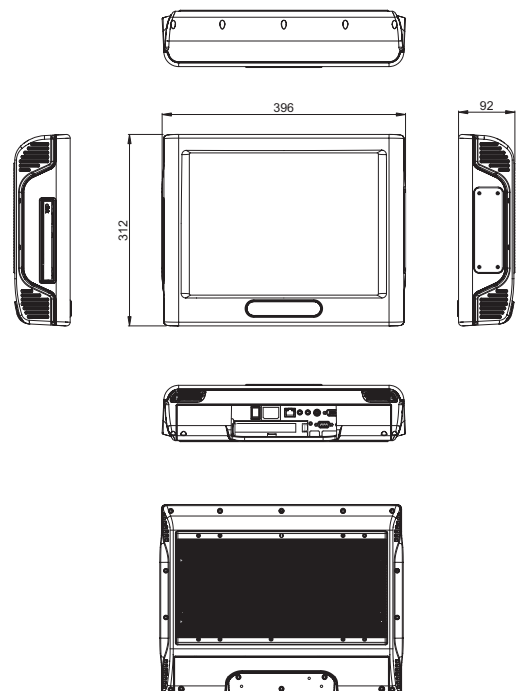
## Optional EOS Installation

Windows® XP Embedded
Windows® CE
Linux Embedded



Stand kit

## Dimensions



Medical Panel Computers

Medical Grade Monitors

PANEL2000 Slim Client Panel Computers