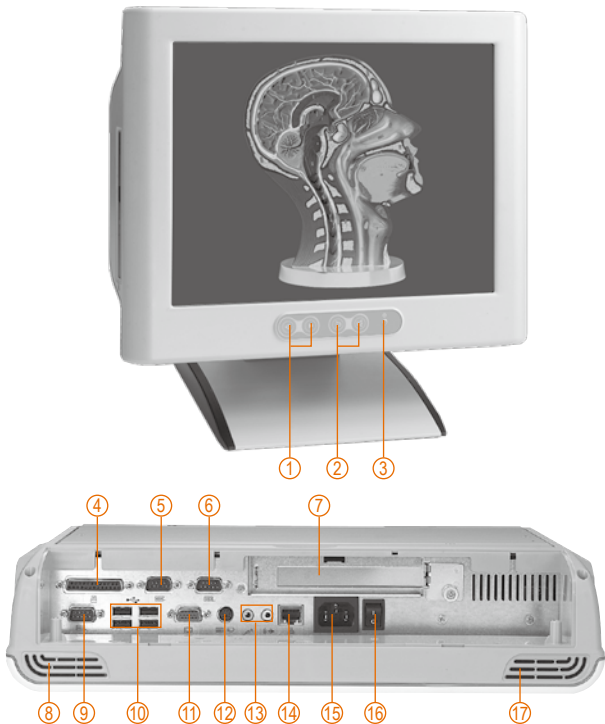


MPC150-810-FL

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



1. Brightness adjust buttons

2. Volume adjust buttons

3. Power LED

4. Parallel port

5. COM 2 (RS-232/422/485)

6. COM 3 (RS-232)

7. PCI slot

8. Speaker(R)

9. COM 1 (RS-232)

10. USB 2.0 x 4

11. VGA

12. PS/2 K/B+M/S

13. Audio (Mic-in/Line-out)

14. Ethernet

15. AC inlet

16. Power switch

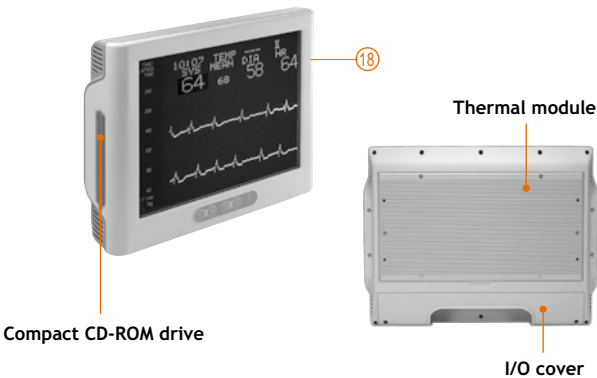
17. Speaker(L)

18. CompactFlash

Features



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



Introduction

The MPC150-810-FL is a 15-inch slim TFT fanless medical grade panel computer, which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts IPX1 waterproof design which protects the entire system from outside liquid, preventing system from crashing. Powered by ULV Intel® Celeron® M processor and PCI expansion slot, the MPC150-810-FL is definitely the best choice for your medical panel computer.

This platform complies with UL60601-1/EN60601-1, CE, FCC Class B certifications

to ensure medical operation safety. It is outfitted with 15-inch SXGA TFT LCD display. Additionally, the MPC175-851-FL offers flexible CPU selection with socket type which reduces cost, increases convenience over onboard CPU, and still maintains a fanless operation and long product life cycle?? For expansion capability, the unit supports one PCI slot for video capture card, data acquisition card and more. Optional WiFi (802.11 b/g) allows wireless real-time connection of patient record for assessment. Besides, the dual Gigabit Ethernet ports provide extremely high speed of Ethernet and high reliable redundancy host connection.

Specifications

Front Bezel	Plastic ABS		BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
LCD Panel	Display Type	15" XGA TFT	Storage	Supports 1 x 2.5" IDE or SATA HDD Supports 1 x CompactFlash™
	Brightness (cd/m²)	350 nits	Optical Drive	1 x compact 24X CD-ROM or 8X/24X combo drive
	Resolution	1024 x 768	Watchdog Timer	1024 levels
	Viewing Angle (H/V)	140° /125°	Onboard Graphics	Intel® 852GM
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 1 GB		

I/O Connector	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 ATX 100W DC power supply; input 18-28VDC
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

AC Power Version	
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 Combo
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 Combo
DC Power Version	
MPC150-810-FL1.4GE-DC-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-DC-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-DC 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 Combo
MPC150-810-FL1GE-DC 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 Combo

*Specifications and certifications are limited to optional.

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

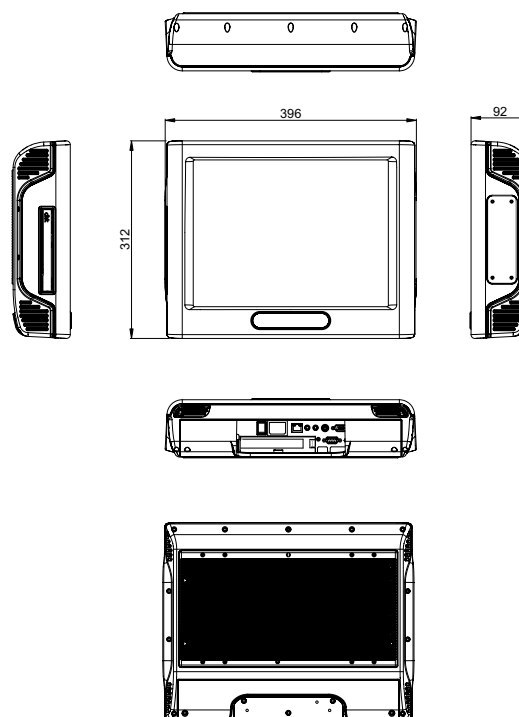
Optional Accessories

E202003330	VM-101 VESA ARM (clamp type)
E202003329	VM-105 VESA ARM (wall mount type)
E228150110	15" stand kit

Optional OS Installation

Windows® XP Embedded
Linux kernel 2.6

Dimensions



Touch Panel
Computers for
Various Industry
Applications

Digital Signage
and Display
Solutions

Medical Panel
Computers

Medical Grade
Monitors

GOT Fanless
Touch Panel
Computers

Touch Panel
Computers for
Infotainment

Touch Panel
Computers for
Automation

Touch Panel
Monitors for
Automation