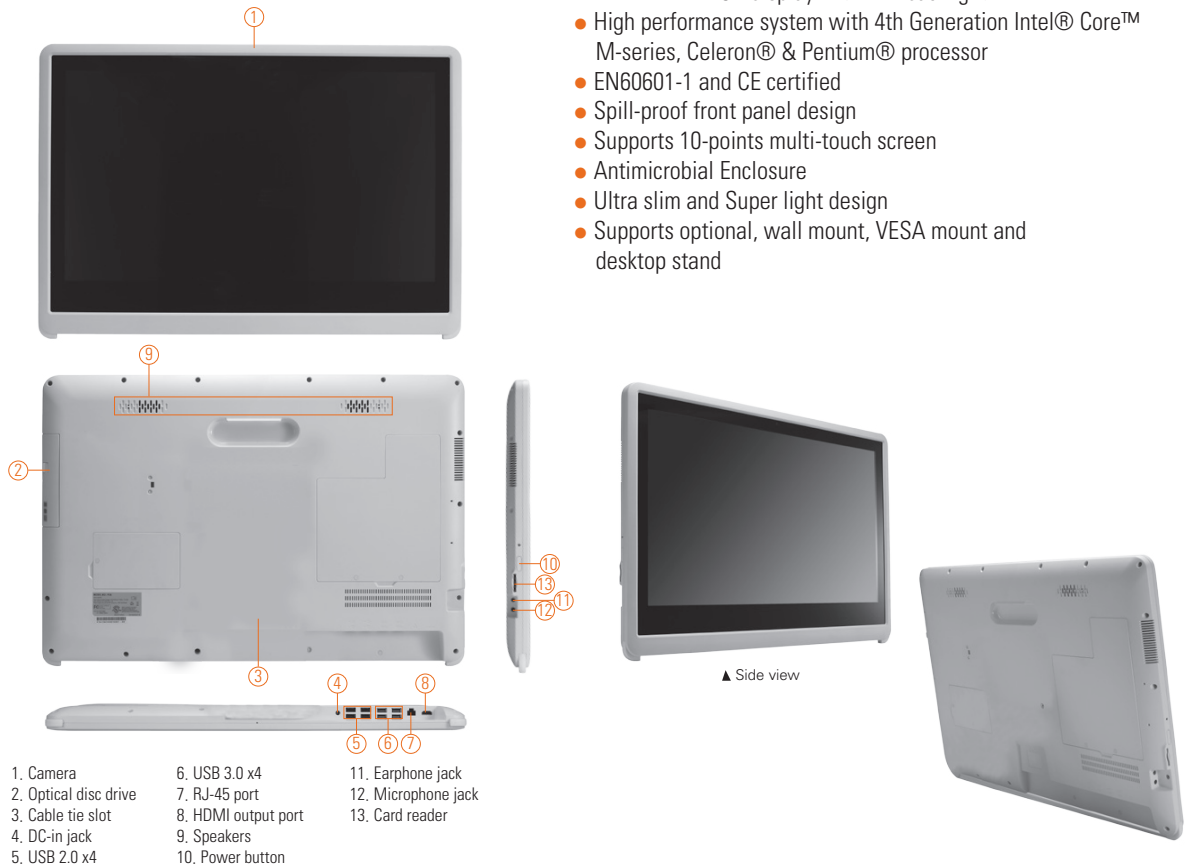# MPC240

24" FHD TFT Medical Grade Panel Computer with 4th Generation Intel® Core™ M-series, Celeron® & Pentium® Processor

- 24" FHD TFT LCD display with LED backlight
- High performance system with 4th Generation Intel® Core™ M-series, Celeron® & Pentium® processor
- EN60601-1 and CE certified
- Spill-proof front panel design
- Supports 10-points multi-touch screen
- Antimicrobial Enclosure
- Ultra slim and Super light design
- Supports optional, wall mount, VESA mount and desktop stand

▲ Side view

1. Camera
2. Optical disc drive
3. Cable tie slot
4. DC-in jack
5. USB 2.0 x4
6. USB 3.0 x4
7. RJ-45 port
8. HDMI output port
9. Speakers
10. Power button
11. Earphone jack
12. Microphone jack
13. Card reader

intel inside | EN60601-1 | Low Power | DualView | DDR3 DDR3L

Introduction

The MPC240 is an Intel® Core™-based medical grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it is front panel spill-proof design which protects the entire system from outside liquid, preventing system from crashing. In response to market demand, this 24" medical panel computer is a cost effective solution.

Super slim & ultra light design
The MPC240 is a super slim 24-inch touch panel PC for space-limited environment with its thickness of 35.5 mm and weight of 6.2 kg only, which make it installed everywhere. Besides, it provides medical grade AC power adapter.

Built-in internal WLAN
The MPC240 provides a PCIe Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the 24-inch medical computer in a wireless LAN/GPRS/GSM/4G environments.

Certifications
This 24" medical panel platform complies with EN60601 and CE certifications to ensure medical operation safety.

Specifications

Front Bezel	Spill-proof	
LCD Panel	Display Type	24" FHD TFT LCD with LED backlight
	Brightness (cd/m²)	250 nits
	Resolution	1920 x 1080
Main System	CPU	4th Generation Intel® Core™ M-series, Celeron® & Pentium® processor
	System Memory	2 x 204-pin DDR3L 1600MHz sockets max. up to 16 GB, 8 GB for each socket
	BIOS	AMI BIOS
	Storage	1 x 2.5" SATA HDD 1 x M2 SATA SSD
	Watchdog Timer	255 levels, 0–255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Specifications

I/O Connector	4 x USB 3.0
	4 x USB 2.0
	1 x Line out
	1 x Mic-in
	1 x RJ-45 Jack
	1 x DC-in Jack
	1 x HDMI
Expansion Interface	1 x SDXC card reader slot
	1 x mini card slot for Wi-Fi
Audio	2 x 1.5 KHz Speaker
	1 x Microphone
Camera	1 x 2M pixels webcam
Sensor	1 x Proximity sensor
Touch screen	Projected Capacitive multi-touch 10-point
Power Supply	1. 100V-240V, 135W medical grade power adapter
	2. Built-in UPS battery (optional)
Dimensions	415 mm (16.34") (W) x 35.5 mm (1.40") (D) x 610 mm (24.01") (H)
Packing Dimensions	780 mm (30.71") (W) x 160 mm (6.30") (D) x 530 mm (20.87") (H)
Weight(net/gross)	6.2 kg (13.66 lb)/9 kg (19.84lb)
Environment	Operating temperature: 5°C ~ +40°C (+13°F ~ +104°F)
	Storage Temperature: -30°C ~ +60°C (-22°F ~ +140°F)
	Relative humidity: 10%~90% @ 40°C; non-condensing
Certificate	CE, EN60601-1

Ordering Information

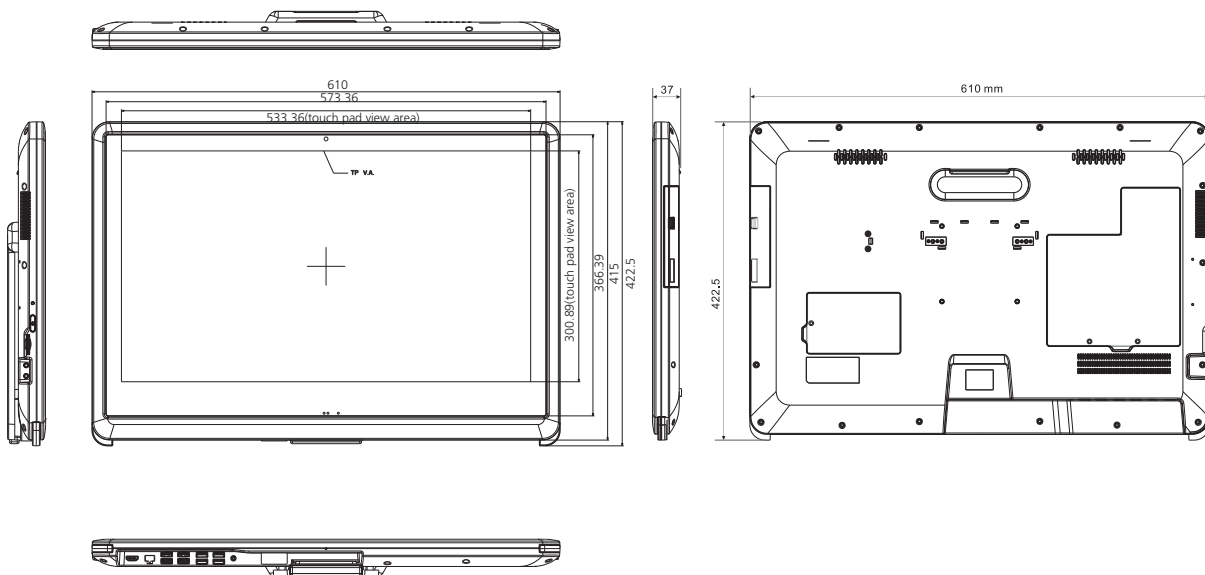|	
MPC240	24" FHD PCT 250 nits medical grade panel computer with Intel® Core™ processor, projected capacitive touch and EN60601-1 certified

* Specification and certifications are based on options and may vary.

Optional OS Installation

Windows® 7

Windows® 8.1

Dimensions

* All specifications and photos are subject to change without notice.

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