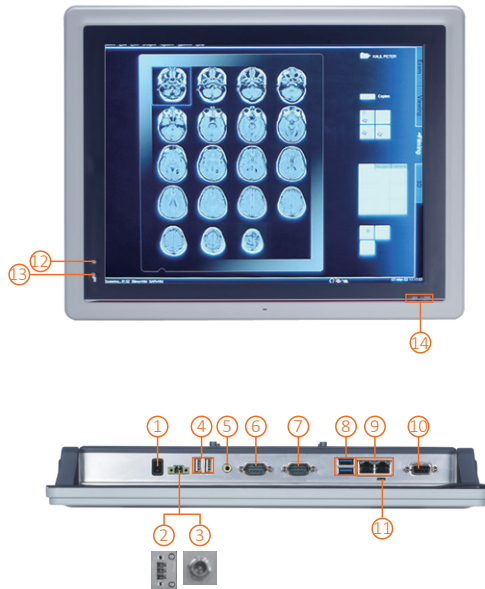


# MPC152-845

15" XGA TFT Fanless Medical Grade Touch Panel Computer with Intel® Celeron® Processor N3060



- |  |                                 |
|--|---------------------------------|
| 1. Power switch (ATX)                    | 8. 2 x USB 3.0                  |
| 2. Terminal block for DC power input     | 9. 2 x LAN                      |
| 3. Screw connector with AC power adapter | 10. 8 x DIO (programmable, DB9) |
| 4. 2 x USB 2.0                           | 11. AT/ATX selectable switch    |
| 5. 1 x Audio (Line-out)                  | 12. Touch LED indicator         |
| 6. 1 x RS-232/422/485                    | 13. Touch on/off button         |
| 7. 1 x RS-232                            | 14. HDD & Power LED indicator   |

## Features

- 15" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060
- 2 GbE LANs, 4 USB and 2 COM
- Plastic and IP65-rated front bezel
- Supports RFID (optional)
- External AT/ATX mode selection switch
- Easy access storage design
- Supports panel mount, wall mount, VESA arm and desktop stand
- Adjustable RS-232/422/485 setting via BIOS
- CE (EN 60601-1) and FCC Part 18 EN 60601-1-2 (ESD contact 8kV, air 15kV)



▲ Side view

## Introduction

The MPC152-845 is a 15" fanless medical touch panel computer. In response to market demand, this medical panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 15" TFT LCD. It is powered by the Intel® Celeron® processor N3060 dual core up to 2.48 GHz. For wireless network connection, the MPC152-845 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input: DC power with terminal block connector and AC power adapter with screw type connector.

### Super Slim & Ultra Lightweight Design

With a thickness of 54.6 mm and weight of 3.2 kg, the MPC152-845 is designed for use in space-constrained environments.

### Certifications

This 15-inch medical panel platform complies with EN60601-1 ED3.1 CE, FCC Class B certifications to ensure medical operation safety.

### Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the MPC152-845 can dissipate the heat easily and keep the system operation stable.

## Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight
	Brightness (cd/m <sup>2</sup> )	420 nits (XGA)
	Resolution	1024 x 768 (XGA)
	Viewing Angel (H/V)	160°/160°
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD (9.5 mm height) 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
I/O Connector	Onboard Graphics	Integrated in Intel® GFX
	1 x RS-232	
	1 x RS-232/422/485	
	2 x 10/100/1000 Mbps Ethernet	
	2 x USB 2.0	
	2 x USB 3.0	
	1 x Audio (Line-out)	
	1 x Switch for power on/off	
	1 x AT/ATX selectable switch	
	1 x 8-bit DIO (programmable, DB9)	
Expansion Interface	1 x Full-size PCI Express Mini Card slot with mSATA	
	1 x Full-size PCI Express Mini Card slot with SIM	
Touchscreen	Resistive type	
Power Supply	AC version: 100 to 240 V AC-DC, 65W power adapter	
	DC version: 9 to 36 VDC with over current protection fuse	
Power Consumption	32 W	
Dimension	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D) x 307.7 mm (12.11") (H)	
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)	
Weight (net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)	
Operating Temperature	0°C to +40°C (+32°F to +122°F)	
Relative Humidity	20% to 90% @ +40°C; non-condensing	
Operation Vibration	2G, 5- 500Hz, random for SSD	
Certifications	CE (EN 60601-1) and FCC Part 18	
	EN 60601-1-2 (ESD contact 8kV, air 15kV)	

## Ordering Information

### Standard

MPC152-845-J (P/N: E228152105)	15" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 65W power adapter (screw type connector) and EMI class B
MPC152-845-DC (P/N: E228152106)	15" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and DC power input (terminal block connector)

\* Other configuration by request

\* Specification and certifications may vary based on different requirements

## Packing List

1 x MPC152-845
1 x Adapter (MPC152-845-J)
1 x Power cord (MPC152-845-J)
1 x Phoenix connector (MPC152-845 DC)

## Optional Accessories

Wi-Fi + Bluetooth kit

881251520A0E Panel mount kit

881251521A0E Wall mount kit

E226171119 Stand kit

881251203A0E RFID kit

## Optional EOS Installation

WES 7

WE8S (64-bit)

## Optional OS Installation

Windows® 7

Windows® 8.1 (64-bit)

Windows® 10



▲ AC power adapter  
(for MPC152-845-J)

## Dimensions

