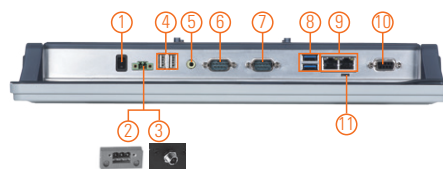# MPC152-845 NEW

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

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 optional panel mount/wall mount/VESA arm/ desktop stand
- Adjust RS-232/422/485 setting via BIOS
- 4th EN 60601-1 (ESD contact 8KV, air 15KV), CE and FCC

▲ Side view

| Fanless | Low Power | DDR3L | AiRD | IP65 | DualView |

1. Power switch (ATX)
2. Power input connector (Phoenix)
3. Power input connector (Screw)
4. Dual USB 2.0 ports
5. Audio (Line-out)
6. COM 1 (RS-232/422/485)
7. COM 2 (RS-232)
8. Dual USB 3.0 ports
9. Ethernet (RJ-45)
10. 8 x DIO ports (programmable, DB9)
11. AT/ATX selectable switch
12. Touch LED indicator
13. Touch on/off button
14. HDD & Power LED indicator

Introduction

The MPC152-845 is a 15" Intel® Celeron®-based 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 as well as 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. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design
The MPC152-845 is a super slim medical touch panel computer for space-limited environment with its thickness of 54.6 mm and weight of 3.2 kg only, which make it installed everywhere.

Certifications
This 15-inch medical panel platform complies with 4th version of EN 60601-1 and 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/m²)	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 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" 7/9.5mm SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0 ~ 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

Updated Apr. 16, 2018.   * All specifications and photos are subject to change without notice.

Specifications

I/O Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 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	1. AC version: 100 ~ 240 V AC-DC, 65W power adapter or 2. DC version: 9 ~ 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)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ +40°C; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for SSD
Certificate	4th EN 60601-1 (ESD contact 8KV, air 15KV), CE and FCC

Ordering Information

Standard	
MPC152-845-J	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	15" XGA fanless medical touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and DC power input (terminal block connector)

Optional	
881251520A0E	Panel mount kit
881251521A0E	Wall mount kit
E226171106	Stand kit
881251203A0E	RFID kit
Wi-Fi + Bluetooth kit	

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

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

54.6

387.9

307.7

19.5

5

371.4

100   144.0

100

86.9

295.1

35.1