



## Mobile Clinical Assistant MCA 9

- Intel® Atom Z530P 1.6GHz Processor, 512KB L2 Cache
- Intel® US15WP system controller hub (SCH)
- Intel® graphics media accelerator 500
- 8.9" TFT LCD (WSVGA LED backlight), touch screen/Sunlight readable (optional)
- 1GB RAM (Upgradable to 2GB Max.)
- 16GB SSD+ 16GB SDHC
- WLAN 802.11 b/g/n
- Bluetooth 2.1 class II+ EDR
- WWAN module (HSUPA/E-GPRS) (optional)
- 2.0 Mega-Pixels camera
- 1D or 1D/2D Barcode scanner (optional)
- 13.56 MHz RFID reader supports ISO/IEC 15693 & ISO 14443 A/B standard
- Fully rugged design, meet IP65 & MIL-STD-810G
- Mg-Al alloy Housing & Fan-less design
- Free drop over 3 feet still survive



## Specifications

- ▶ **Processor** Intel® Atom Z530P 1.6GHz Processor, 512KB L2 Cache
- ▶ **System Chipset** Intel® US15WP system controller hub (SCH)
- ▶ **Graphic Display** Intel® graphics media accelerator 500
- ▶ **LCD Panel** 8.9" TFT LCD (WSVGA LED backlight) with 4 wires touch panel  
Optional: Sunlight readable
- ▶ **Memory** 1GB RAM (upgradable to 2GB max.)
- ▶ **Storage** 16GB SSD+ 16GB SDHC
- ▶ **Audio** 1x Internal Speaker & 1x Internal Microphone
- ▶ **I/O Port** 2x USB 2.0; 1x VGA; 1x RJ-45; 1x Earphone; 1x MIC; 1x DC-in
- ▶ **Expansion slot** 1x SD/MMC card slot, 1x SIM card slot
- ▶ **Camera** 1x 2.0 Mega-Pixels camera
- ▶ **Barcode scanner** 1D or 1D/2D barcode scanner (optional)
- ▶ **RFID** 13.56 MHz RFID reader supports ISO/IEC 15693 & ISO 14443 A/B standard
- ▶ **Connectivity/communication** 10/100/1000 Ethernet LAN  
802.11 b/g/n WLAN  
Bluetooth 2.1 class II+ EDR  
WWAN module (HSUPA/E-GPRS) (optional)
- ▶ **Power System** Adapter Input AC: 100V-240V,50Hz-60Hz; Output: DC 12V/50W
- ▶ **Battery** 4 cells 2S2P 5200 mAh Li-Ion battery, 6 max, hours run-down life
- ▶ **Button key** Power button ; Screen Rotation, button (Ctrl+Alt+Del); WLAN; Bluetooth Switch; Barcode scanner; RFID; Brightness up; Brightness down
- ▶ **Operating System** Windows XP Tablet PC edition
- ▶ **Accessory** 1 x Service DVD, 1x power cord, 1x Stylus, 1x adapter
- ▶ **Docking System I/O Port** 3 x USB, 1 x RS232, 1 x RJ-45, 1 x DC-in
- ▶ **Operating Temperature** Operating: 0°C to +60°C; Storage: -20°C to +85°C  
Cold boot (battery): 0°C @75% charge,
- ▶ **Dimension & Weight** 252x153x33mm, > 1.1Kg
- ▶ **Reliability** IP65, MIL-STD-810G
- ▶ **EMI/ Safety** FCC, CE, cUL (EN 60601-1 & EN60601-2)





Drop Proof



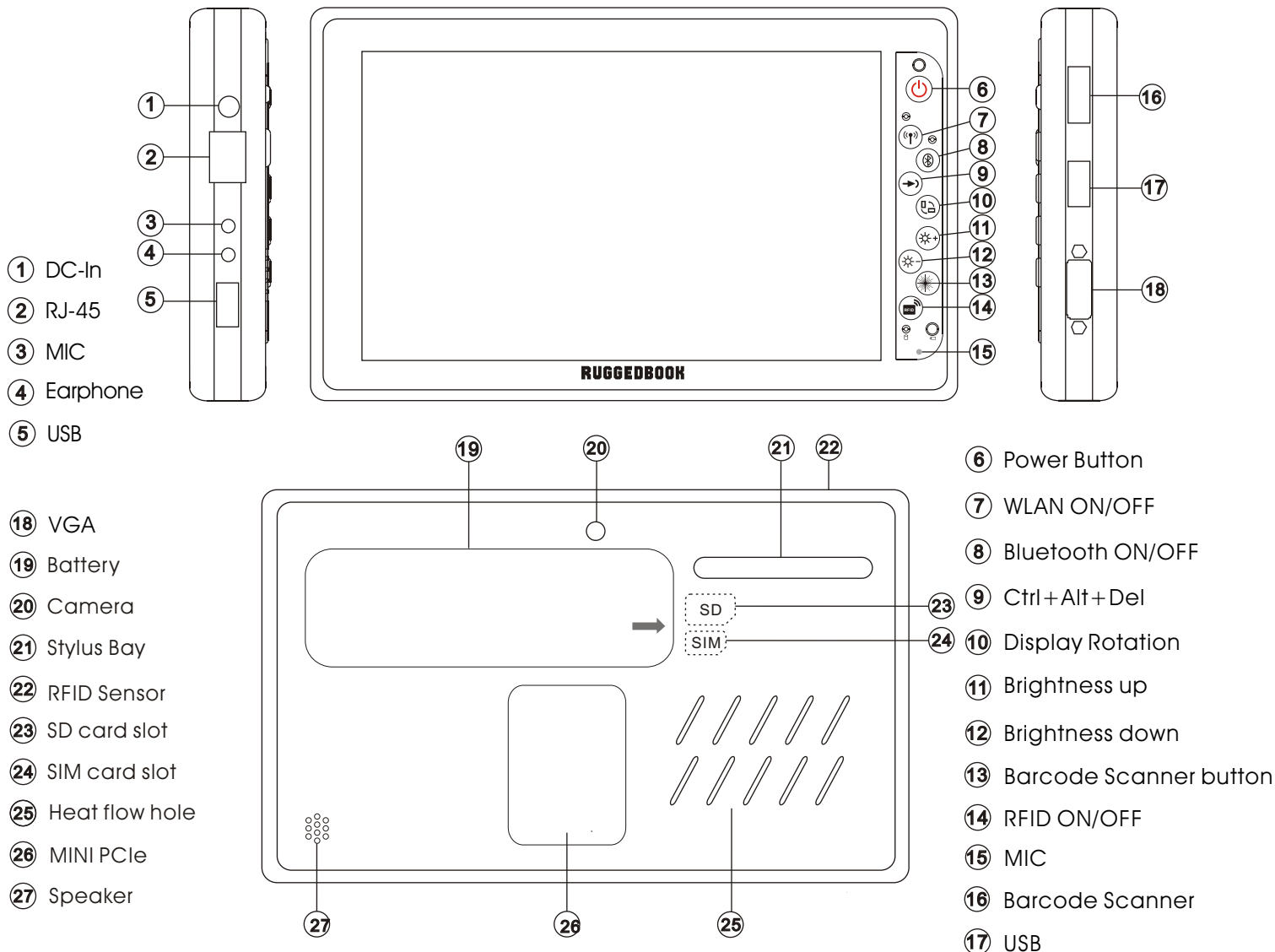
Dust Proof



Sunlight Readable



Water Proof



- ① DC-In
- ② RJ-45
- ③ MIC
- ④ Earphone
- ⑤ USB

- ⑬ Barcode Scanner button
- ⑭ RFID ON/OFF
- ⑮ MIC
- ⑯ VGA
- ⑰ Battery
- ⑱ Camera
- ⑲ Stylus Bay
- ⑳ RFID Sensor
- ㉑ SD card slot
- ㉒ SIM card slot
- ㉓ Heat flow hole
- ㉔ MINI PCIe
- ㉕ Speaker

- ⑥ Power Button
- ⑦ WLAN ON/OFF
- ⑧ Bluetooth ON/OFF
- ⑨ Ctrl+Alt+Del
- ⑩ Display Rotation
- ⑪ Brightness up
- ⑫ Brightness down
- ⑬ Barcode Scanner button
- ⑭ RFID ON/OFF
- ⑮ MIC
- ⑯ Barcode Scanner
- ⑰ USB

## Overview

Specifically designed for medical application, MCA9 is Mg-Al alloy housing with medical white. Fanless design and the highly sealed enclosure not only make it easy to clean and wipe off but also enhance ruggedized feature.

Designed for medical application, the ability for data capture, record and transmission is highly valued. The built-in 2-mega pixel camera is centrally mounted on the backside. The 1D/2D Barcode Scanner and 13.56 RFID reader support electronic medication administration records, reliable patient identification, and medical tracking. With above devices, light weight, and communication connectivity which includes WLAN, WWAN, and Bluetooth, medical administrators can rapidly and precisely provide diagnostic, therapy and care by accessing data bases.

MCA9 is a newly idea and design for medical utilization that it makes workflow efficiently, lowers transcription errors, and enhances patient care. Both users and patients are highly satisfied with the performance and multi-function.

