



## Rugged Tablet PC SR820

- 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.)
- 1.8" 60GB PATA HDD/ 16GB SSD or 32GB SSD
- WLAN 802.11 b/g/n
- Bluetooth 2.1 class II+ EDR
- WWAN module (HSUPA/E-GPRS) (optional)
- Internal GPS (optional)
- 2.0 Mega-Pixels camera
- 1D Barcode scanner (optional)
- Fully rugged design, meet IP54 & MIL-STD-810G
- Mg-Al alloy Housing & Fan-less design
- Free drop over 4 feet still survive





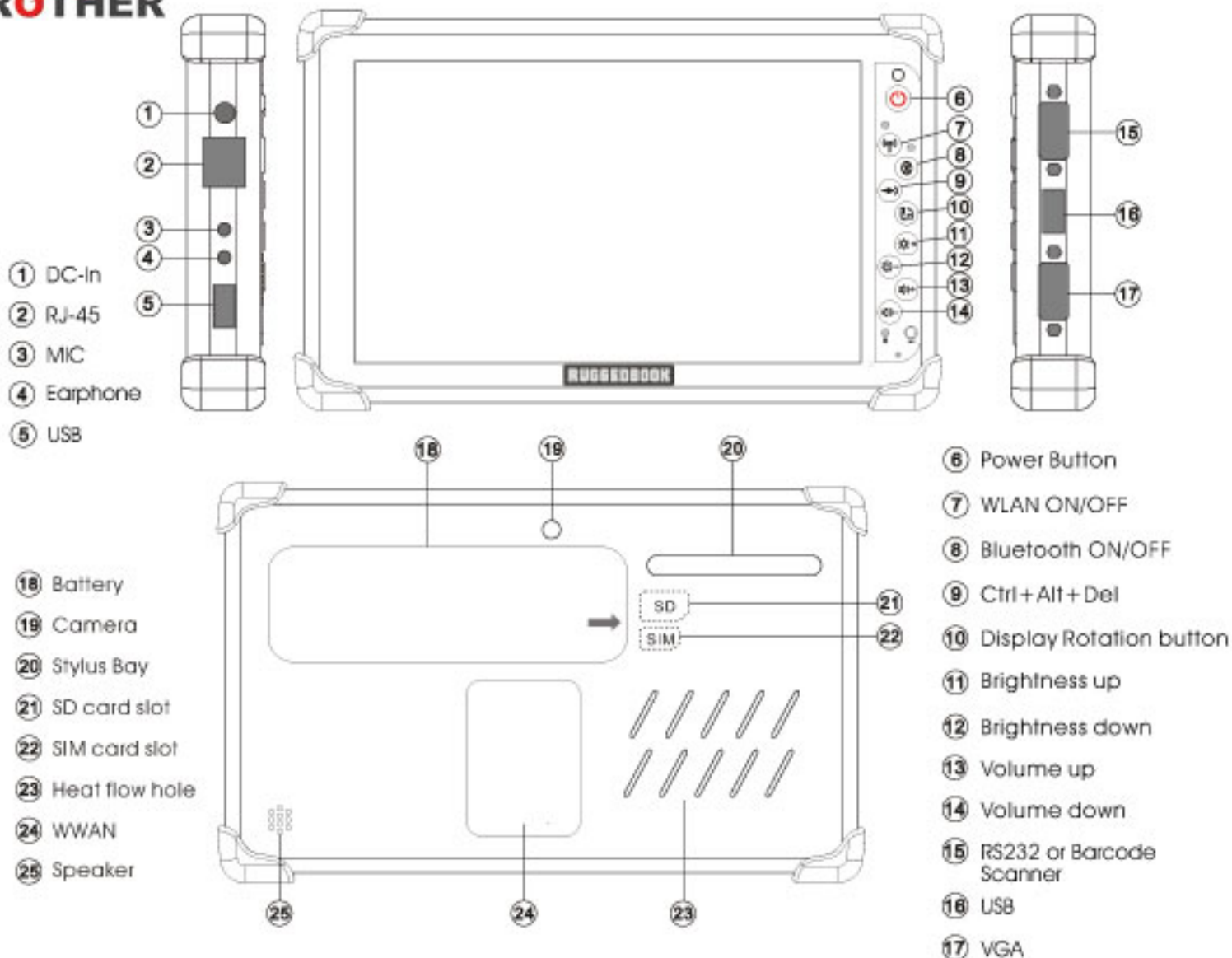
## ROTHER Specifications

- ▶ **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** 1.8" 60GB PATA HDD/ 16GB SSD or 32GB SSD (optional)
- ▶ **Audio** 1x Internal Speaker & 1x Internal Microphone
- ▶ **I/O Port** 2x USB 2.0; 1x VGA; 1x RS232; 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 barcode scanner (optional)
- ▶ **GPS** Internal GPS (optional)
- ▶ **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/36W
- ▶ **Battery** 4 cells 252P 5200 mAh Li-Ion battery, 6 max. hours run-down life
- ▶ **Button Key** Power button ; Screen Rotation,  button (Ctrl+ Alt+Del); WLAN; Bluetooth Switch; Volume up; Volume down; 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: 5°C to + 50°C (HDD type); 0°C to + 60°C (SSD type)  
Storage: -20°C to + 85°C  
Cold boot (battery): 5°C @75% charge
- ▶ **Dimension & Weight** N.W.: 1.2kgs, 258x159x40mm (included 4 bumpers / with battery)  
G.W.: 2.0kgs, 330x214x115mm packed carton box
- ▶ **Reliability** IP54, MIL-STD-810G
- ▶ **EMI/ Safety** FCC, CE, cUL





## ROTHER



SR820 is a versatile Rugged Tablet PC equipped with 8.9" TFT LCD, and adopts the latest Intel® ATOM Z530P industrial grade processor with Intel® US15WP SCH chipset. It also meets IP 54 environmental rating protection requirement, and is well protected by four rounded rubber bumpers.

Features of SR820 are in terms of the latest display LED backlight technology with the touch screen/sunlight readable extraordinary functions, 1GB up to 2GB DDR II SDRAM, compact 1.8" 60GB HDD, and fully connection of I/O ports such as 2M pixel integrated camera and Barcode Scanner. For communication, it includes highly integrated module 10/100/1000 Ethernet, 802.11 b/g/n WLAN, Bluetooth 2.1 +EDR, and optional WWAN/ 3.75G module. The Rugged Tablet PC SR820, providing powerful functionality and instant response, is easy to handheld and satisfy all users' demand.

With above strengths and features, SR820 is applicable for various applications, including hospitality, transportation, measuring, field service, logistics and Telecommunication, etc.

