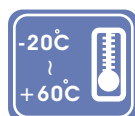




Rugged PDA SR273

- Intel PXA270 624MHz Processor
- Handle integration options such as Barcode, GPS, WLAN, Bluetooth, GPRS and RFID.
- Built-in WiFi 802.11 b/g, Bluetooth and GPRS has an integrated antenna.
- Powered by Intel Bulverde and embedded WIN CE.net 5.0, it provides dependable performance all day in extreme conditions.
- Ideal size 3.5" TFT QVGA / VGA (optional)
- Membrane alpha or numeric keypads
- Wide temperature range operation (-20°C to + 60°C)
- 6 hours of long operating battery life
- IP65/P64 standard for demanding environmental conditions.



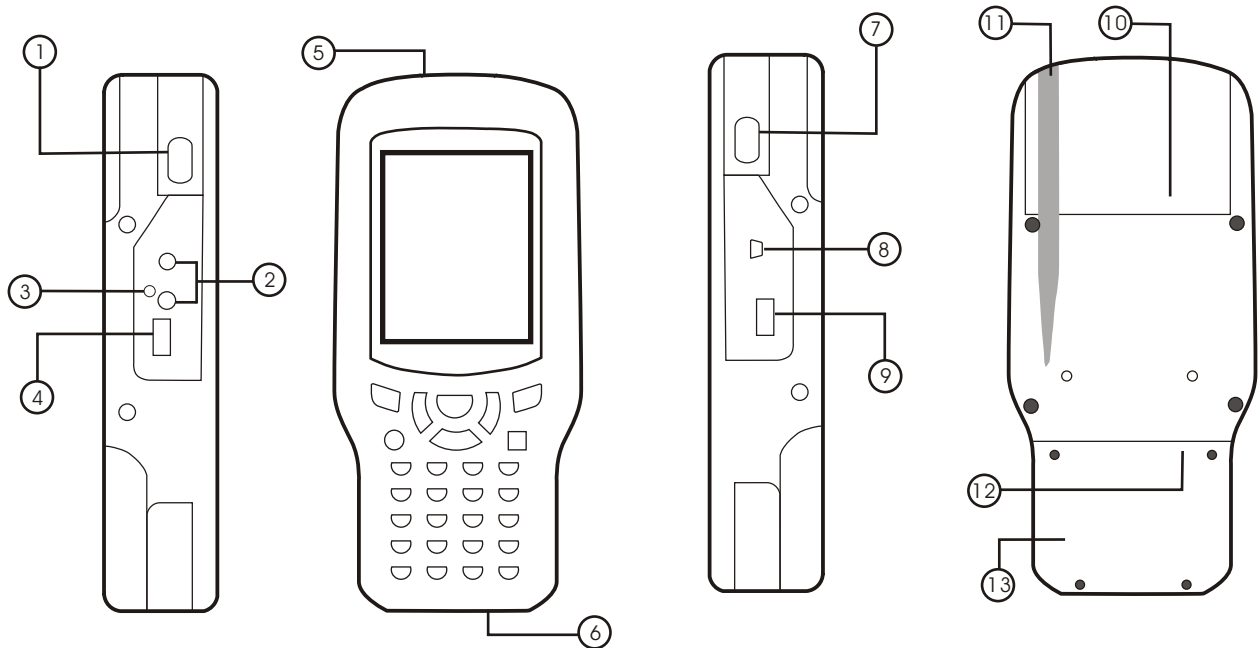


Specifications

- ▶ **Processor** Intel PXA270 624MHz
- ▶ **Memory** 128MB SDRAM
- ▶ **Storage** 128MB Flash ROM
- ▶ **Display** 3.5" transfective TFT LCD, QVGA resolution (240 X 320, 180nits) with resistive touch panel
Optional: 3.5" transfective TFT LCD, VGA resolution (640 X 480, 200nits) with resistive touch panel
- ▶ **Audio System** AC-97, Stereo speaker / earphone supported
- ▶ **Buttons** 1 x power on/suspend button;
Navigation Key;
Function Key;
Numeric Key (1 x 28keys-keypad);
1 x software reset switch (lateral side)
2 x RFID trigger button (Left & right lateral side)
- ▶ **Wireless Communication** 802.11b/g WLAN module; Bluetooth 1.2 Class II
Optional : built-in GPRS/WCDMA/HSDPA module; GPS
- ▶ **I/O Port** 1 x USB1.1 type A connectors
1 x mini USB1.1 type B connector
1 x RS232 port;
1 x Stereo Earphone Jack
1 x Microphone Jack;
1 x SD Slot
1 x CF slot for RFID;
1 x Cradle Connector
- ▶ **Expansion Slots** Barcode reader (PDF417) decoding (1D & 2D)
RFID (CF interface) LF, HF reader
- ▶ **Battery** Li-ion battery, 7.4V, 1900mAh / Max. 6 hrs for normal usage
- ▶ **Operating System** Windows CE.NET 5.0
- ▶ **Power System** Input: 100V ~ 240V, 50~60Hz, Output, 24W/12V
- ▶ **Dimension & Weight** Std. 210 x 100 x 43 mm, 0.485kgs (w/o battery);
GPS: 251 x 140 x 48mm;
RFID: 344 x 100 x 48mm
- ▶ **Operating Environment** Operating: -20°C to + 60°C
Operating Humidity: 5% ~ 95% non-condensing
- ▶ **Reliability** IP64, 3 feet drop to concrete (for GPS/GPRS/RFID model)
IP65, 5 feet drop to concrete (for standard/barcode model)
- ▶ **EMI / Safety** CE, FCC, cUL
- ▶ **Accessories** 1 x AC Adapter & power cord; Stylus
Optional: Cradle (LEDx1, DC-in jackx1, RJ-45x1, USB mini type B x1, USB Type A x2, RS232 X1, Pad connector x1) only for standard battery

Samwell continually improves products as new technologies and components become available. Samwell therefore reserves the right to change specifications without prior notice.





- ① Barcode Scanner RFID trigger/ button (L)
- ② MIC x 1, Earphone / Speakerx 1
- ③ Reset Button
- ④ USB type A (USB 1.1 host), Female
- ⑤ IR Emitter
- ⑥ Cradle Connector
- ⑦ Barcode Scanner RFID trigger/ button (R)
- ⑧ Mini USB type B (USB 1.1 slave) Female
- ⑨ RS-232 x 1
- ⑩ CF slot
- ⑪ Stylus
- ⑫ SD Card slot
- ⑬ Battery Pack (inside)

While operating mobile PDAs, it is important to protect them from harsh environments and damages which might occur with drops, vibration, spills, dust and dirt, and extreme temperatures. That is why we've developed Rugged PDA SR273 – rugged mobile devices that protect those PDA components which are most frequently damaged. Longer equipment life span reduces repair and replacement costs, extended warranty costs, and manpower allocation that it is equivalent to lower cost of ownership.

Moreover, SR273 is a military-grade and ultra-rugged handy terminal that combines Windows CE 5.0 OS and Intel's high performance RISC PXA270 CPU. Having wireless connectivity of WLAN 802.11b/g, Bluetooth, GPS, and GPRS/ WCDMA/ HSDPA, it makes it connect without any cable. Moreover, by using CF and SD slots, you can increase data storage and plug RFID accessory. Integrated with these applications, SR273 is quite fit to chain management operations.

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