



RT940

Handheld Android POS Computer



RT940 is a “PDA + POS” all in one Android smart pos computer, It combines the functions of financial POS and Android PDA, with 5 inch large touch screen, MSR reader, contact and contactless IC card reader, thermal printer, barcode reader, WI-FI, Bluetooth, 3G, GPS, support traditional payment, NFC payment and barcode payment.



Multiple payment solutions

- MSR , Chip card , NFC
- 2D payment
- Membership rewards point

Enterprise security

- Custom OS with various security enhancements that change Android from a consumer OS to an enterprise platform.
- Supports 2 PSAM slots , meeting the most stringent requirement of financial institution and government agencies.

Voice and data connection

- 7 band WAN radio with high speed data access
- 802.11b/g/n WiFi

Advance capacitive screen

- 5" HD (720 x 1280)
- Industrial grade sensitivity, works with gloves and wet fingers

Powerful data collection

- Optional 1D or 2D scan engine
- 5MP camera
- GPS location
- RFID / NFC

Thermal printer

- 58mm printing paper, 203dpi / 8dot / mm
- Printing speed: 50~70mm/s, and supports barcode printing
- 30mm paper roll



RT940 Specification

Physical Characteristics	Dimensions	184mm x 79 mm x 29 mm (max 51.5mm)
	Weight	550g (include battery)
	Buttons	Front : User define button x 1 , Cancel button x 1 , Confirm button x 1 , Clear button x 1 Side : SCAN button x 2, The volume switch button, ON / OFF button
Performance Characteristics	O.S.	Android 4.3 supports multi-language
	CPU	Quad-Core 1.2GHz
	Display	5.0 inch TFT-LCD HD (720 x 1280) color screen
	Panel	Ultra sensitive capacitive touch screen, can work with gloves and wet fingers
	RAM	1GB
	ROM	4GB
Barcode Scanner	1D Laser	Code 39; Codabar; Code 128; Discrete 2 of 5; IATA 2 of 5; Interleaved 2 of 5; Code 93; UPC A; UPC E0; EAN 8; EAN 13; MSI; EAN 128; UPC E1; Trioptic Code 39; Bookland EAN; Coupon Code; RSS-Limited; RSS-14; RSS-Expanded
	2D CMOS (Optional)	1D Symbologies: UPC/EAN, Bookland EAN, UCC Coupon Code, ESSN EAN, CODE 39, CODE 128, GS1-128, ISBT 128, Trioptic Code 39, CODABAR, MSI, Interleaved 2/5, Discrete 2/5, Chinese2/5 , Korean3/5, Matrix 2/5, CODE 32, CODE 93, CODE 11, Inverse 1D, GS1 DataBar, Composite Codes2D Symbologies: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, MaxiCode, QR Code, Aztec, Aztec Inverse Postal Codes: U.S. Postnet, U.S. Planet, U.K. Postal, Japan Postal, Australian Postal, Netherlands KIX Code, USPS 4CB/One Code/Intelligent Mail, UPU FICS Postal
Radio Communication	Wi-Fi	802.11 b/g/n wireless communication
	Bluetooth	Bluetooth 4.0
	WCDMA	GSM:850/900/1800/1900 MHz UMTS/HSPA+: 850/1900/2100 MHz
Payment	Magcard	Conforms to the ISO7811, and supports triple track (tracks 1/2/3), bi-directional
	Smart Card Reader	Supports ISO7816 standard
	Contactless Cards(RFID)	Supports 14443A / 14443B approved;
	PSAM	Conforms to ISO7816 standard x 2
	Printer	58mm printing paper, 203dpi / 8dot / mm; Printing speed: 50~70mm/s, and supports barcode printing 30mm paper roll
Others	Prompting mode	Green, red and blue LED, vibration, speaker
	Camera	5MP camera with LED flash and auto-focus function
	GPS	GPS, Supports A-GPS, GNSS
Power	Main Battery	Rechargeable 7.4V, 2800 mAh lithium polymer battery pack (Typical Operation time ≥8 hours)
	RTC Battery	Real time clock battery
User Environment	Operating Temperature	0°C to +50°C
	Storage Temperature	-20°C to +60°C
	Humidity	5%~95% (non condensing)
Peripherals and Accessories	Drop Durability	1.2m
	Expansion	Micro SD/TF x 1(maximum of 32 GB), SIM x 1, SAM x 2
	Interfaces	Mini USB , POGO PIN , 3.5mm Audio Jack