



NEW9810

Smart POS Terminal

- **High Performance:** Cortex A53 Quad-Core 2.0GHz+ Secure Processor running Asmart OS based on Android 13.
- **Touch Display & Keypad:** 4" HD (480×800) touch screen paired with a 17-key physical keypad (10 numeric, 5 function, power & custom keys).
- **Omni-Channel Payment:** Full support for Chip & PIN, Contactless (NFC), and Magnetic Stripe cards.
- **High-Speed Printing:** Built-in 58mm thermal printer with fast 80mm/s print speed (40mm paper roll diameter).
- **Comprehensive Connectivity:** 4G/3G/2G, Dual-Band Wi-Fi (2.4G & 5G), Bluetooth 5.0, and multi-constellation GPS/GLONASS/BEIDOU/GALILEO.
- **Ergonomic & Portable:** Lightweight 380g design with high-capacity 7.2V battery (up to 3350mAh optional) for full-day field mobility.

TECHNICAL SPECIFICATIONS

Processor & OS		Display & Keypad	
CPU	Cortex A53 Quad-Core, 2.0GHz+ Secure Processor	Display	4" HD, 480×800 Touch Screen
Operating System	Asmart OS (Based on Android 13)	Keys / Buttons	17 Keys: 10 Numeric, 5 Function, Power, Custom (Backlight Optional)
Memory	1GB RAM + 8GB Flash (Opt: 2GB + 32GB) microSD card slot up to 128GB	Audio	Built-in Speaker (>90dB at 10cm) Optional Microphone
Payment & Card Slots		Connectivity & Location	
Card Reader	Chip & PIN Contactless (NFC) Magnetic Stripe	Wireless Comms	4G / 3G / 2G Wi-Fi 802.11a/b/g/n/ac (2.4G & 5G) Bluetooth 5.0
Card Slots	2 Nano SIM + 2 Micro SAM + 1 SD (Optional: eSIM + 1 Nano SIM + 2 SAM + 1 SD)	Positioning	GPS / GLONASS / BEIDOU / GALILEO
Ports & Interface	1 Type-C OTG, 4-PIN POGO PIN (Optional Magnetic POGO PIN)	Camera	Rear: 2MP Fixed Focus (Opt: 5MP AF + Flash) Front: 0.3MP Fixed Focus (Optional)
Printer & Power		Physical & Environment	
Thermal Printer	Speed: 80mm/s Paper Roll Dia: 40mm Paper Width: 58mm	Dimensions & Wt	178 × 76.8 × 66.1 mm Weight: 380g (incl. battery)
Battery	7.2V / 2600mAh (18.72Wh) (Optional: 7.2V / 3350mAh, 24.12Wh)	Operating Temp	0°C ~ 50°C (Storage: -20°C ~ 60°C)
Power Adapter	Input: 100-240VAC, 50/60Hz Output: 5.0V DC, 2.0A	Humidity	5% ~ 95% Relative Humidity (Non-Condensing)