



ME51

MINI POS TERMINAL

SUPERIOR PERFORMANCE

32-bit high-performance ARM secure processor with high-speed memory and touchscreen capability combine to enable an extraordinary user experience in a compact format. Large capacity battery with intelligent power management system ensures continual availability.

ALL-IN-ONE PAYMENT

Satisfying all payment methods including magnetic card, smart card, contactless card, and also featuring a built-in high resolution scanner with 1D / 2D capability.

POWERFUL CONNECTIVITY

Multi-communication interface including 2G, 3G, WiFi and BT with compatibility of the industry's latest and most demanding standards.

EXCEPTIONAL SECURITY

Approved to advanced security certification levels, ensuring the security of financial transactions.



ONLINE TO
OFFLINE



LOGISTICS



SMALL-MICRO
BUSINESS



HOSPITALITY



INSURANCE &
TAXATION

ME51 SPECIFICATIONS

OS	Pheonix based Linux	■
CPU	32 bit, 266 MHz Secure ARM 11	■
Memory	128 MB FLASH, 64MB DDR	■
Display	2.4-inch TFT full color LCD display, resolution of 320*240 with adjustable brightness	■
	Resistive touch screen	Optional
Wireless Communication	GPRS, WIFI (802.11 b/g/n), Bluetooth 2.1 & 4.2 with MFi, support Android, Apple IOS, Windows Mobile	■
	WCDMA (3G)	Optional
Magnetic Card Reader	ISO 1/2/3 track bi-directional, conforming to ISO7810/7811/7813, 100,000 swipes	■
Smart Card Reader	EMV L1, ISO7816, support 1.8V, 3V, 5V, synchronous & Asynchronous, T=0 & T=1, 100,000 insertions	■
Contactless Card Reader	EMV Contactless L1, ISO/IEC 14443 Type A/B, ISO 18092, Mifare, Felica, NFC	■
Scanner	Build-in 2D code scanner, support 1D/2D barcode payment	■
Keypad	12 alphanumeric keys, 6 function keys, 1 power button	■
Peripheral Ports	1 x Micro-USB (OTG), 1 x RS232	■
Card Ports	Dual SIM, Dual SAM	■
Audio	Built-in buzzer	■
Battery	Li-ion battery 3.7V/1800mAh/6.7Wh (removable battery)	■
Power Supply	Micro-USB 5V 1000mA	■
Dimensions	140mm (L) x 71mm (W) x 23mm (H)	■
Weight	200g	■
	Operating temperature: -10 C ~50 C (14 F ~122 F)	■
	Storage temperature: -20 C ~60 C (-4 F ~140 F)	■
Environment	Relative humidity: 5%~93% (Non-condensing)	■
		■
Encryption	TDDES, AES, Master/Session key, DUKPT, Fixed KEY, RSA	■
Certifications	PCI PTS 5.x, EMV L1/L2, EMV Contactless L1, PayPass, PayWave, American Express, Discover D-PAS, CE, RoHS, TQM	■



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