MIRACLE

M300 LINUX

LINUX EDITION

MIRACLE IN EVERY TRANSACTION

ENGINEERED FOR BUSINESSES THAT DEMAND SECURITY,PERFORMANCE, AND INTELIGENCE

pci7 | EMVCo

- **GPS** — AGPS, GPS, GLONASS, BEIDOU
- **AUDIO** — BUZZER
- **GLASS SCREEN, BACKLIT FOR NIGHT USE** — KEYS NEVER FADE
- **NFC PAYMENT READY** — TOP TO PAY. FAST AND SECURE
- **BATTERY** — LI-POLYMER 3.7 V 5200 MAH
- **PURE KERNEL SECURITY** — SECURE BOOT ENCRYPTEDT RANSACTIONS
- **4G WIFI** — BLUETOOTH STAY CONNECTED ALWAYS

Item	PARAMETER
Operating System	LINUX
CPU	AP: ARM Cortex-A7 1.2 GHz; SP: 32 bit Cortex-M0 96 MHz
Memory	128 MB RAM + 256 MB Flash 256 MB RAM + 512 MB Flash (optional)
Display	2.8" TFT QVGA, resolution of 320×480 Resistive touchscreen, support electronic signature
Wireless Communication	4G + 2G + Wi-Fi 2.4 GHz + BT 4.2
Smart Card Reader	EMV L1/L2, conforming to ISO 7816, 1.8V/3V/ 5V, synchronous & asynchronous, T=0 & T=1
Contactless Card Reader	EMV Contactless L1, conforming to ISO 14443 Type A/B, Mifare , Felica
Audio	Built-in buzzer Built-in Speaker (Optional)
Camera	0.3M pixel built-in rear scanner, support 1D/2D code payment
Keypad	Numeric ×10 + Function ×8 + Power ×1
Battery	Li-polymer 3.7 V 5200 mAh Li-polymer 3.7 V 6600 mAh (optional)
Printer	30 lines/s, Ø 40 mm roll
SIM/SAM	1 Micro SIM + 1 Normal SIM + 1 SAM
Peripheral Ports	1 x Type-C (OTG)
Power Supply	Input AC 100-240 V, Output 5 V/2 A
Dimensions/ Weight	146.9 × 79 × 57 mm 285 g
Environment	Operating temperature: 0°C～40°C (32°F~104°F) Relative humidity: 5%～95% (Non-condensing) Storage temperature: -20°C～60°C (-4°F~140°F)
Certifications	PCI PTS 7.x, EMV L1/L2, EMV Contactless L1
Charger	5V 3A
GPS	AGPS, GPS, GLONASS, BEIDOU (optional)

COLORS

TAILORED FOR YOU

COLORS THAT MATCH YOUR BRAND

ORANGE | RED | PURPLE | GRAY | GREEN | YELLOW

GLASS KEYBOARD, BACKLIGHT IN DARK

Key loading device (KLD)
PCI PTS certified secure local key injection solution for trusted cryptographic key provisioning and management.

Remote Key Injection (RKI)
Secure remote cryptographic key injection through a centralized server infrastructure,implemented within the PCI PTS certified security architecture.

FLAME RETARDANT
UL94 V-0 flame retardant PC+ABS self extinguishing housing material for enhanced safety and reliability.

ABOUT MIRACLE

MIRACLE IS A LEADING PROVIDER OF INNOVATIVE PAYMENT SOLUTIONS, DELIVERING SECURE, RELIABLE AND SMART DEVICES THAT EMPOWER BUSINESSES AND ENHANCE CUSTOMER EXPERIENCES ACROSS THE GLOBE .

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ENGINEERED FOR TRUST
BUILT FOR THE FUTURE

LINUX EDITION

MIRACLE M300

MIRACLE IN EVERY TRANSACTION

LINUX

- PCI PTS 7.X CERTIFIED
- LONG LASTING BATTERY 5200MAH
- GLASS SURFACE BACKLIT FOR NIGHT

NFC PAYMENT READY | POWERFUL PERFORMANCE | 4G / WIFI BLUETOOTH CONNECTIVITY | HIGH PERFORMANCE QUAD CORE 1.2GHZ | MIRACLE IN EVERY TRANSACTION