

N850

DESKTOP SMART POS



- Large 7" full color LCD display
- High speed printer
- High-resolution camera



HOTEL



GROCERY STORE



CAFETERIA



TOBACCO SHOP



BAKERY

OS	Android 7.1	●
Processor	AP: 32-bit ARM Cortex A7 Quad-Core, 1.1GHz SP: ARMv7-M security core	●
Memory	1GB RAM, 8GB FLASH 2GB RAM, 16GB FLASH MicroSD card slot up to 32GB	● Optional ●
Display	7-inch TFT full color LCD display, resolution of 1024 x 600, capacitive multi-touch screen, support electronic signature	●
Wired Communication	Ethernet 10/100 Base-T	●
Wireless Communication	4G / 3G / 2G Wi-Fi (802.11 b/g/n), Bluetooth 2.1/4.1	● ●
Positioning	GPS, GLONASS, BEIDOU	●
Magnetic Card Reader	Triple track, bi-directional, conforming to ISO 7810/7811/7813	●
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	●
Camera	0.3 MP front camera, support 1D/2D code payment 2 MP rear camera, support 1D/2D code payment	Optional ●
Audio	1 x Speaker, 1 x Microphone, support audio recording and media play	●
Keypad	Secure virtual keypad for PIN entry, 1 x power button, 1 x function key	●
Printer	High-speed thermal printer, 80mm/s Paper roll diameter: 50mm Paper width: 58mm	●
Peripheral Ports	1 x DC Jack, 1 x Micro USB 1 x USB-A, 1 x RS232, 1 x RJ45, 1 x PINPAD 1 x Cash drawer port	● ● ●
Card Slots	1 x SIM 2 x SAM	● ●
Power Supply	Input: 100-240V AC 50/60Hz Output: 9.0V DC, 2.5A	● ●
Dimensions	188mm(L) x 115mm(W) x 160mm(H)	●
Weight	750g	●
Environment	Operating temperature: 0°C~40°C (32°F~104°F) Storage temperature: -20°C~60°C (-4°F~140°F) Relative humidity: 5%~93% (Non-condensing)	● ● ●
Certifications ^①	PCI PTS 5.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, TQM, CE,RoHS, JCB, MCCS, Rupay, MIR	●
	① Please contact Newland NPT sales representative for the latest certification status.	



High-speed thermal printer fits 58mm paper roll.



Integrated high resolution camera to support 1D/2D code payment.



Multiple peripherals connectivity, providing abundant possibilities of extension.



Newland Payment Technology

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Please be aware that all features and specifications are subject to change without prior notice.

