

X800

PORTABLE POS SYSTEM



- Dedicated merchant and customer displays for seamless interaction
- High-speed transaction processing
- Multiple communication options



RESTAURANT



HOTEL



CONVENIENCE STORE



RETAIL



SMALL MERCHANT

OS	Android 10	●
Processor	AP: Cortex Quad-core A53, 1.8GHz SP: Cortex-M3 security core	●
Memory	2GB RAM, 16GB FLASH 4GB RAM, 64GB FLASH MicroSD card slot up to 256GB	● Optional ●
Display	8-inch IPS full color LCD display, resolution of 800 x 1280, with adjustable backlight, capacitive multi-touch screen, support electronic signature	●
Customer Display	5-inch IPS full color LCD display, resolution of 800 x 480, capacitive multi-touch screen	Optional ●
Wireless Communication	4G / 3G / 2G Wi-Fi (802.11 a/b/g/n/ac) 2.4G&5G Bluetooth 4.2	● ● ●
Positioning	GPS, GLONASS, BEIDOU, GALILEO	●
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, HCE	●
Camera	2 MP FF front camera, support 1D/2D code payment 2 MP FF front camera, support 1D/2D code payment	● ●
Audio	1 x Speaker, 1 x Microphone, Support audio recording and media play	●
Keypad	1 x Power Button, Secure virtual keypad for PIN entry	●
Printer	High-speed thermal printer, 80mm/s Paper roll diameter: 50mm Paper width: 58mm	●
Peripheral Ports	1 x Type-C (OTG), 2 x Sets Pogo Pins (5 Pins_USB 2.0)	●
Card Slots	2 x SIM, 1 x SAM, 1 x SD 1 x SIM, 2 x SAM, 1 x SD 1 x eSIM	● Optional Optional
Battery	Li-ion Battery, 3.8V/6000mAh/22.8Wh	●
Power Supply	Input: 100-240V AC 50/60Hz Output: 5.0V DC, 3.0A	●
Docking Station	Charging & Communication Base Multi-functional Base	● Optional
Dimensions	274.9mm (L) x 123.4mm (W) x 101.6mm (H)	●
Weight	895g including battery	●
Dimensions and weight may vary slightly depending on the module configuration		
Environment	Operating Temperature: -10°C~50°C (14°F~122°F) Storage Temperature: -20°C~70°C (-4°F~158°F) Relative Humidity: 5%~95% (Non-condensing) Battery Charging Conditions 32°F to 113 F (0°C~45°C)	●
Certifications	PCI PTS 6.x, EMV L1/L2, EMV Contactless L1, PayPass, American ExpressPay, Discover D-PAS, UnionPay QuickPass, JCB, TQM, CE, CB, RoHS, BIS, Rupay, Felica, MIC, MCCS, Saber, FCC	●

Please contact Newland NPT sales to obtain the latest and detailed certification information



Compact size and ergonomic form factor for optimized usage.



Intuitive card insertion and swipe for both customer and merchant.



Large paper reel for high transaction volumes.



Optional docking station with rich peripherals, Placement flexible



Newland Payment Technology

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

