

X800

SMART ECR



- 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.x	●
Application CPU	Octa-Core Cortex A53, 1.8GHz	●
Payment CPU	Arm Cortex M3	●
Memory	2GB LPDDR4+16GB eMMC	●
	3GB LPDDR4+32GB eMMC	Optional
	1 x Micro SD card, up to 256GB	Optional
Main Display	8-inch portrait IPS display, resolution of 800 x 1280, capacitive multi-touch screen	●
Customer Display	5-inch landscape IPS display, resolution of 800 x 480, capacitive multi-touch screen.	●
Wireless Communication	4G / 3G / 2G	Optional
	Wi-Fi (802.11 a/b/g/n/ac) 2.4G&5G	●
	Bluetooth 2.1 EDR/3.0 HS/4.2 LE	●
Positioning	GPS/BeiDou/GLONASS/Galileo/QZSS/SBAS	●
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	2 MP fixed focal front camera, support 1D/2D code payment, face recognition	●
	2 MP fixed focal rear camera, support 1D/2D code payment	●
Audio	1 x Speaker, 1 x Microphone, 1 x Audio JACK, support audio recording and media play	●
Keypad	Secure virtual keypad for PIN entry, 1 x power button	●
Printer	High-speed thermal printer, 80mm/s Paper roll diameter: 50mm Paper width: 58mm	●
Battery	3.8V 6000mAh	●
Peripheral Ports	1 x Type-C, USB2.0 OTG	●
	Pogo Pins	●
Card Slots	2 x SIM, 1 x SAM	●
	1 x SIM, 2 x SAM	Optional
Power Supply	Input: 100-240V AC, 50Hz/60Hz, 0.7A Output: 5.0V DC, 3A	●
Dimensions	274.9*123.4*101.6mm	●
Weight	0.8kg	●
Docking Station	Charging base	●
Hub	RS232 (RJ11), 2 x USB-A, Type-C, Ethernet (RJ45)	Optional
Environment	Operating temperature: 0°C~50°C(32°F~122°F)	●
	Storage temperature: -20°C~70°C (-4°F~158°F)	●
	Relative humidity: 5%~93% (Non-condensing)	●
Certifications ^①	PCI PTS 6.x, EMVL1/L2, EMV Contactless L1, PayPass , payWave , American ExpressPay, Discover D PAS, UnionPay QuickPass, JCB , Bancomat, FeliCa, TQM, CE, RoHS, FCC	●
	① Please contact Newland NPT sales representative for the latest certification status.	
Finger Print	TBD	TBD



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.



Newland Payment Technology

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

