



Putra Mandiri
Informatika



X800

SMART ECR

- Dual screens for better experience
- High performance
- Fully compatible communication



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	Optional (up to 256GB)
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	●
Positioning	Bluetooth (2.1 EDR/3.0 HS/4.2 LE)	●
	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 50/60Hz, 0.7A	●
	Output: 5.0V DC, 3A	●
Dimensions	274.9mm (L) x 123.4mm (W) x 101.6mm (H)	●
Weight	0.8kg	●
Docking Station	1 x RJ45, Ethernet	Optional
	1 x RJ12, Cash Draw	Optional
	3 x USB-A	Optional
	1 x USB Type-C DC-IN	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

X800

Smart ECR



Compact size, nearly 1/2 A4 paper size, reduced desktop occupation.



Card swiped and inserted at a vertical angle, visible and convenient for both customer and merchant.



50mm large paper roll, high-speed printing, fully visible ticket coming out, tear at large angle.

