Newland NPT

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.x	●
Processor	AP: Octa-Core Cortex A53, 1.8GHz	●
	SP: Arm Cortex M3 security core	●
Memory	2GB LPDDR4+16GB eMMC	●
	4GB LPDDR4+64GB eMMC	Optional
	MicroSD card slot 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	●
	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	●
	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	Li-ion battery, 3.8V/6000mAh/22.8Wh	●
Peripheral Ports	1 x Type-C, USB2.0 OTG	●
	Pogo Pins	●
Card Slots	2 x SIM, 1 x SAM, 1 x SD	●
	1 x SIM, 2 x SAM, 1 x SD	Optional
	1 x SIM, 2 x SAM, 1 x SD, 1 x ESIM	Optional
Power Supply	Input: 100-240V AC 50/60Hz Output: 5.0V DC, 3A	●
Dimensions	274.9mm(L)*123.4mm(W)*101.6mm(H)	●
Weight	895g including battery	●
Docking Station	Charging base: Pogo Pins for charging	●
	Multi-functional base: 2 x USB-A, 1 x Type-C (Power), 1 x Ethernet (RJ45), 1 x Cash drawer port, Pogo Pins for charging	Optional
Expansion HUB	1 x RS232, 2 x USB-A, 1 x Type-C, 1 x Ethernet (RJ45), 1 x Cash drawer port	Optional
Environment	Operating temperature: -10℃～50℃ (14°F~122°F) ①	●
	Storage temperature: -20℃～60℃ (-4°F~140°F)	●
	Relative humidity: 5%～95% (Non-condensing)	●
	① Battery charging conditions: 0℃～45℃ (32°F~113°F)	
Certifications②	PCI PTS 6.x, EMVL1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, JCB, TQM, CE, RoHS, CB, FeliCa, MIC, BIS, Rupay, MCCS, Saber, WEEE & VOC, FCC	●
	② Please contact Newland NPT sales representative for the latest certification status.	

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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