

N950

FLAGSHIP ANDROID SMARTPOS



- Rugged & durable, long-lasting reliability
- Seamless operation, steady performance
- Long-lasting, high-capacity battery
- Versatile expansion with functional modules



MALL



RESTAURANT



HOTEL



AIRPORT



STADIUM

OS	Android 12	●
	Android 14	Optional
Processor	AP: Cortex Quad-core A53, 2.0GHz	●
	SP: Cortex-M3 security core	
Memory	2GB RAM, 16GB FLASH	●
	3GB RAM, 32GB FLASH	Optional
	4GB RAM, 64GB FLASH	Optional
	MicroSD card slot up to 256GB	●
Display	6-inch IPS full color LCD display, resolution of 720 x 1440, with adjustable backlight, capacitive multi-touch screen, support electronic signature	●
Customer Display	2.1-inch IPS LCD display, resolution of 420 X 180, capacitive touch screen	Optional
Wireless Communication	4G / 3G / 2G, Wi-Fi (802.11 a/b/g/n/ac) 2.4G&5G, Bluetooth 5.0	●
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	0.3 MP FF front camera, support 1D/2D code payment	●
	2 MP FF front camera, support 1D/2D code payment	Optional
	5 MP AF rear camera, support 1D/2D code payment	●
	8 MP AF rear camera, support 1D/2D code payment	Optional
	Professional code scanner, NLS-N1, hardware decoding, support 1D & 2D code payment Note: The rear camera and scanner cannot be used simultaneously as they are mutually exclusive features.	Optional
Audio	1 x Speaker, 1 x Microphone, Support audio recording and media play	●
Keypad	1 x Power Button, 1 x VOL+, 1 x VOL-, Secure virtual keypad for PIN entry	●
Printer	High-speed thermal printer, 80mm/s Paper roll diameter: 40mm Paper width: 58mm	●
Peripheral Ports	1 x Type-C	●
Card Slots	2 x SIM, 2 x SAM, 1 x SD	●
	1 x SIM, 1 x SD, 3 x SAM, 1 x eSIM	Optional
Battery	Li-ion Battery, 7.2V/2600mAh/18.7Wh (Equal to 3.6V/5200mAh)	●
	Li-ion Battery, 7.2V/3300mAh/23.7Wh (Equal to 3.6V/6600mAh)	Optional
Power Supply	Input: 100-240V AC 50/60Hz Output: 5.0V DC, 2.0A	●
Fingerprint Reader	FBI FAP 10, STQC L0 Certified Capacitive Fingerprint Module	Optional
Docking Station	Charging Base, Multi-functional Base	Optional
Dimensions	201mm (L) x79.8mm (W) x62mm (H)	●
Weight	464g 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~60°C (-4°F~140°F)	●
	Relative Humidity: 5%~95% (Non-condensing)	
Certifications	PCI PTS 6.x, PCI PTS 7.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, JCB, TQM, ABECS, Anatel, ATEX, CE, CB, RoHS, CommSECC, Bancomat, Felica, FCC	●
Please contact Newland NPT sales to obtain the latest and detailed certification information		



Color customer display for brand engagement and clear transaction visibility.



Certified capacitive fingerprint module (FBI FAP 10 & STQC L0) for secure, reliable identity verification.



Professional barcode scanning module for fast and accurate 1D/2D data capture.



Newland Payment Technology

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

