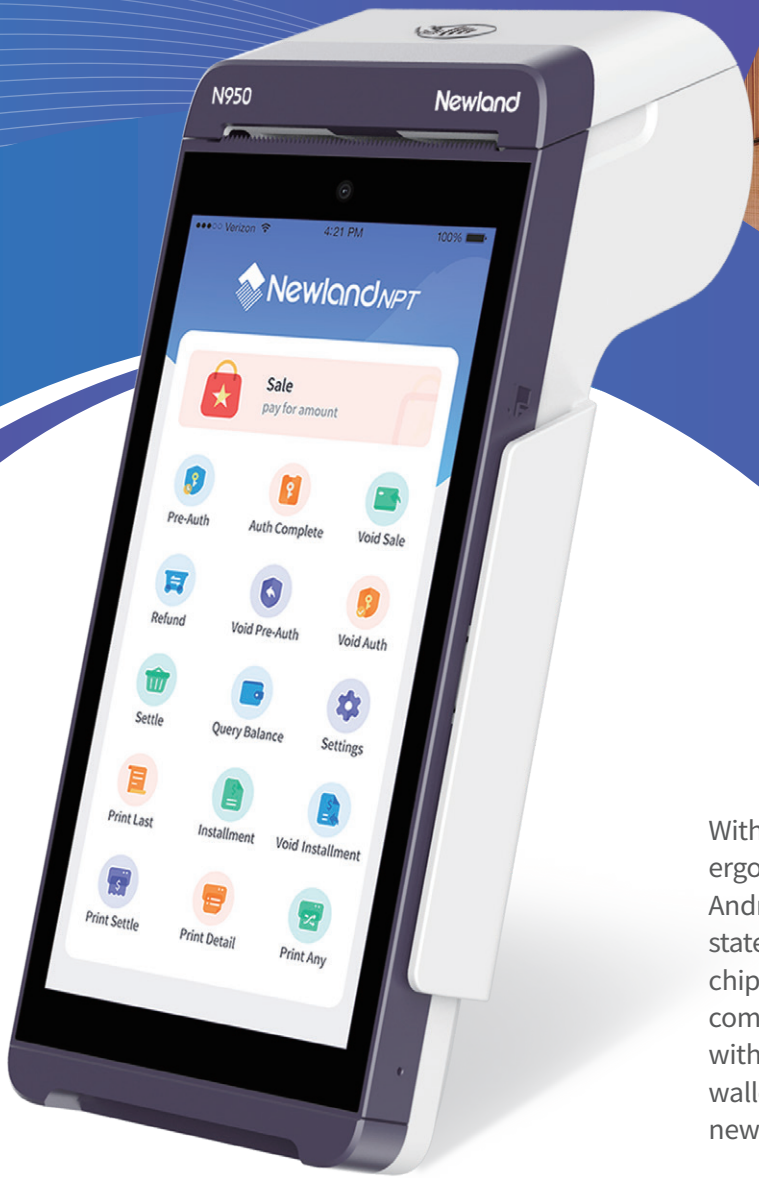
NewlandNPT

N950

FLAGSHIP ANDROID SMARTPOS



With ground-breaking design and user-friendly ergonomics, N950 sets a new benchmark for Android SmartPOS terminals. Leveraging a state-of-the art processor and high-performance chipset, N950 allows business users to seamlessly combine point-of-sale and value-added services with fast payment acceptance, by card or mobile wallet. Customer engagement takes on a whole new dimension.

MALL

RESTAURANT

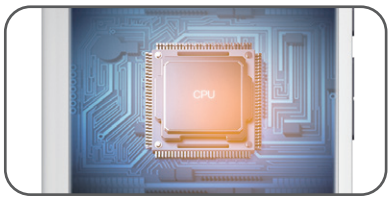
HOTEL

AIRPORT

STADIUM

OS	Android 12	●
Processor	AP: Cortex Quad-core A53, 2.0GHz SP: ARMv7-M 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 TFT full color LCD display, resolution of 1440 x 720, with adjustable backlight, capacitive multi-touch screen, support electronic signature	●
Wireless Communication	4G / 3G / 2G	●
	Wi-Fi (802.11 a/b/g/n/ac) 2.4G&5G, Bluetooth 2.1/5.0	●
Positioning	GPS, GLONASS, BEIDOU	●
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	0.3 MP front camera, support 1D/2D code payment	●
	2 MP front camera, support 1D/2D code payment	Optional
	5 MP autofocus rear camera with flashlight, support 1D/2D code payment	●
	8 MP autofocus rear camera with flashlight, 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	Secure virtual keypad for PIN entry, 1 x power button, 1 x VOL+, 1 x VOL-	●
Printer	High-speed thermal printer, 80mm/s Paper roll diameter: 40mm Paper width: 58mm	●
Peripheral Ports	1 x Type C port	●
Card Slots	2 x SIM, 2 x SAM, 1 x SD	●
	1 x SIM, 3 x SAM, 1 x SD,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	●
Docking Station	Charging base	Optional
Expansion HUB	RS232 (RJ12/RJ11), 2 x USB-A, Type-C, Ethernet (RJ45)	Optional
Dimensions	201mm (L) *79.8mm (W) *62mm (H)	●
Weight	464g including battery	●
Environment	Operating temperature: -10°C～50°C (14°F~122°F) ①	●
	Storage temperature: -20°C～60°C (-4°F~140°F)	●
	Relative humidity: 5%～95% (Non-condensing)	●
	① Charging below 0°C is not recommended as it will affect battery performance.	
Certifications②	PCI PTS 6.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, JCB, TQM, CE, RoHS, MCCS, CB, Interac, ATEX	●
	② Please contact Newland NPT sales representative for the latest certification status.	

Best-in-class design and advanced ergonomics.



Unprecedented processing power and performance.

Professional barcode scanning module embedded to read 1D/2D codes quickly and accurately.

Newland Payment Technology

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

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