

S90 Pro

CUTTING-EDGE
SMART TERMINAL



- High-Performance Octa-Core Processor
- High-Capacity Flat Battery for Extended Runtime
- Large immersive Touchscreen with Auto-Brightness



SHOPPING MALL



RESTAURANT



HOTEL



BANK



BEAUTY SALON

OS	Android 14	●
Processor	AP: Cortex Octa-core (4xA73 + 4xA53), Maximum 2.4 GHz SP: Cortex-M3 security core, 192MHz	●
Memory	2GB RAM, 32GB FLASH	●
	4GB RAM, 64GB FLASH	Optional ●
	MicroSD card slot up to 512 GB	●
Display	6.75-inch TFT full color LCD display, resolution of 720 x 1600, with adjustable backlight, capacitive multi-touch screen, support electronic signature	●
Customer Display	2.5-inch, with touchscreen functionality	Optional ●
Wireless Communication	4G / 3G / 2G	●
	Wi-Fi (802.11 a/b/g/n/ac) 2.4G&5G, Bluetooth 5.0	●
Positioning	AGPS / 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	2 MP front camera, support 1D/2D code payment	●
	5 MP autofocus rear camera with flashlight, support 1D/2D code payment	●
	13 MP autofocus rear camera with flashlight, support 1D/2D code payment	Optional ●
	Professional code scanner, hardware decoding , support 1D & 2D code payment	Optional ●
Audio	1 x Speaker, 2 x Microphones	●
Keypad	1 x power button, 1 x VOL+, 1 x VOL-, 1 x function button	●
Printer	High-speed thermal printer, 80mm/s Paper roll diameter: 40mm Paper width: 58mm	●
Peripheral Ports	1 x Type C port, 6 POGO PIN	●
Card Slots	1 Nano SIM +1 Mini SIM +1 PSAM + 1 SD	●
	1 Nano SIM + 2 PSAM + 1 SD	Optional ●
	1 Nano SIM + 2 PSAM + 1 SD + 1 eSIM	Optional ●
Sensor	Vibration Motor / G-Sensor / Light-Sensor	●
Battery	Polymer Battery: 7.6/2600mAh 19.76Wh	●
	Polymer Battery: 7.6/3500mAh 26.6Wh	Optional ●
Power Supply	Input: 100-240V AC 50/60Hz Output: 5.0V DC, 2.0A	●
Dimensions	190mm (L) x 80.5mm(W) x 50mm(H) (Minimum height: 20mm)	●
Weight	386g 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	EMV L1, EMV CL1, PCI 7.x, EMV L2, PayPass, PayWave, ROHS, TQM, GMS	●
	AMEX, D-PAS, CE, FCC, JCB, UnionPay QuickPass, ATEX	●
	② Please contact Newland NPT sales representative for the latest certification status.	



Optional professional scanner for fast payments and efficient inventory management.



Interactive customer touchscreen, providing more details and interaction.



Large NFC zone for intuitive contactless payments.



Versatile docking station for charging, communication, and connecting external devices.



Newland Payment Technology

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

