

SP830

DESKTOP CLASSIC TERMINAL



- Optional touchscreen
- High-speed thermal printer
- Multiple peripherals connectivity



HOTEL



RESTAURANT



SUPERMARKET



INSURANCE



TAXES

OS	Linux	●
CPU	32-bit ARM Cortex-A9 secure processor, 500MHz	●
Memory	128MB RAM, 128MB FLASH	●
	128MB RAM, 256MB FLASH	Optional
	MicroSD card	Optional (up to 32GB)
Display	2.8-inch TFT full color LCD display, resolution of 320 x 240	●
	Resistive touchscreen, support electronic signature	Optional
Wired Communication	Dial-up Modem	Optional
	Ethernet 10/100 Base-T	●
Wireless Communication	2G	Optional
	3G	Optional
	WIFI (802.11 b/g/n)	Optional
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	●
Audio	Built-in buzzer	●
	Built-in speaker, support audio prompt	Optional
Keypad	10 x numeric keys, 9 x function keys, 1 x power button	●
Printer	High-speed thermal printer, 32lps Paper roll diameter: 40mm Paper width: 58mm	●
Peripheral Ports	1 x RS232, 1 x Pinpad, 1 x USB-A (Host), 1 x MicroUSB (OTG)	●
	1 x Line, 1 x Tel	●
	1 x Ethernet	●
	2 x SAM	●
Card Slots	2 x SAM, 1 x SIM	Optional
	1 x SAM, 2 x SIM	Optional
Power Supply	Input: 100-240V AC 50/60Hz, 0.7A	●
	Output: 9.0V DC, 2.5A	●
Accessories	Stylus	Optional
Dimensions	190mm (L) x 82mm (W) x 68mm (H)	●
Weight	350g	●
Environment	Operating temperature: 0°C~40°C (32°F~104°F)	●
	Storage temperature: -20°C~60°C (-4°F~140°F)	●
	Relative humidity: 5%~93% (Non-condensing)	●
Certifications ^①	PCI PTS 5.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay,	●
	Discover D-PAS, UnionPay QuickPass, TQM, CE, RoHS	●
	① Please contact Newland NPT sales representative for the latest certification status.	



Optional touchscreen to support electronic signature.



High-speed thermal printer fits 50mm paper roll.



Multiple peripherals connectivity, providing abundant possibilities of extension.



Newland Payment Technology

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

