

Processor	Cortex Quad-core A53, 2.0GHz	
Security Processor	Cortex-M3 security core	
Operating System	Android 12	
Memory	Flash/RAM	16GB /2GB
	Micro-SD Socket	(Up to 256 GB)
Display	5-inch TFT full color LCD display, resolution of 1280 x 720, capacitive multi-touch screen, support electronic signature	
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	Under-screen contactless solution, EMV Contactless L1, conforming to ISO 14443 Type A/B, Mifare, Felica	
Positioning	GPS/BEIDOU/GLONASS	
Wireless Communication	4G / 3G / 2G WIFI (802.11 a/b/g/n) 2.4G & 5G Bluetooth 5.0	
Audio	1 x Speaker, 1 x Microphone, support audio recording and media play	
Keypad	Secure virtual keypad for PIN entry, 1 x power button, 2 x function buttons, 5 x Pogo Pins	
Camera	0.3 MP front camera, support 1D/2D code payment 5MP autofocus rear camera, support 1D/2D code payment	
Peripheral Ports	1 x Type C port (OTG)	
Card Slots	1 x SIM, 1 x SAM	
Battery	Li-ion battery, 3.8V/3600mAh/13.68Wh	
Power Supply	Input: 100-240V AC 50/60Hz Output: 5.0V DC, 2.0A	
Dimensions (mm)	150(L) x 74(W) x 16.8(H) The thickest part of the swiping card place is 18.8mm	
Weight	245g including 3600mAh battery	
Environment	Operating Temperature	10°C~50°C (14°F~122°F)
	Storage Temperature	-20°C~60°C (-4°F~104°F)
	Relative Humidity	5%~93% (Non-condensing)
Certifications	PCI PTS 6.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, TQM, CE, CB, RoHS, JCB, Felica, FCC	



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