

Specifications

Processor		Octa-Core Cortex A53, 1.8GHz
Security Processor		Arm Cortex M3 security core
Operating System		Android 10.x
Memory	eMMC/LPDDR4	16GB /2GB
	Micro-SD Socket	(Up to 256 GB)
Display	Main	8-inch portrait IPS display, resolution of 800 x 1280, capacitive multi-touch screen
	Customer	5-inch landscape IPS display, resolution of 800 x 480, capacitive multi-touch screen
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
Positioning		GPS/BEIDOU/GLONASS/GALILEO/QZSS/SBAS
Wireless Communication		4G / 3G / 2G WIFI (802.11 a/b/g/n/ac) 2.4G & 5G Bluetooth 2.1 EDR/3.0 HS/4.2 LE
Audio		1 x Speaker, 1 x Microphone, 1 x Audio JACK, support audio recording and media play
Keypad		Secure virtual keypad for PIN entry, 1 x power button
Printer		High-speed thermal printer, 80mm/s Paper roll diameter: 50mm Paper width: 58mm
Camera		2 MP fixed focal front camera, support 1D/2D code payment 2 MP fixed focal rear camera, support 1D/2D code payment
Peripheral Ports		1 x Type-C, USB2.0 OTG Pogo Pins
Card Slots		2 x SIM, 1 x SAM, 1 x SD
Battery		Li-ion battery, 3.8V/6000mAh/22.8Wh
Power Supply		Input: 100-240V AC 50/60Hz Output: 5.0V DC, 3A
Dimensions (mm)		274.9(L) x 123.4(W) x 101.6(H)
Weight		895g including battery
Environment	Operating Temperature	-10°C~50°C (14°F~122°F)
	Storage Temperature	-20°C~70°C (-4°F~158°F)
	Relative Humidity	5%~93% (Non-condensing)
Docking Station		Charging base
Certifications		PCI PTS 6.x, EMV L1/L2, EMV Contactless L1, PayPass, payWave, American ExpressPay, Discover D-PAS, UnionPay QuickPass, JCB, TQM, CE, RoHS, CB, FeliCa, MIC, BIS, Rupay, MCCS, Saber, WEEE & VOC, FCC



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