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Model No
SF-811

8 Inch Android Rugged Fingerprint Rfid Tablet



Specification

Type	Detail	Standard configuration
Appearance	Dimensions	248*170*17.8mm
	Weight	380g
	Color	Black (bottom shell black, front shell black)
LCD	Display size	8 inch
	Display resolution	1920*1200
TP	Touch Panel	Multi-touch panel, Corning grade 3 glass toughened screen
Camera	Front camera	5.0MP(optional)
	Rear camera	13MP Autofocus with flash
Speaker	Built-in	Built-in 8Ω/0.8W waterproof horn x 2
Microphones	Built-in	Sensitivity: -42db, output impedance 2.2kΩ
Battery	Type	Removable polymer lithium ion battery
	Capacity	3.7V/10000mAh
	Battery life	About 8 hours (standby time > 300h)

Hardware Configuration

Type	Detail	Description
CPU	Type	MTK 6763-Octa-core
	Speed	2.0GHz
RAM	Memory	3GB (2G or 4G optional)
ROM	storage	32GB (16G or 64G optional)
Operating System	Operating System Version	Android 12.0
NFC	Built-in	ISO/IEC 14443 Type A&B, 13.56MHz
PSAM	Encryption card	Optional single PSAM or double PSAM card slot, built-in encryption chip
SIM card holder	SIM card	*1
TF SD card holder	Extended external storage	x1 max: 128G
USB port	Expand storage	Standard USB 2.0*1 , Android OTG TypeC x1
Headphone port	Audio output	φ3.5mm standard headphone port x1
DC port	Power	DC 5V 3A φ3.5mm power port x1
HDMI port	Audio and video output	Mini HDMI x1
Extension port	pogo Pin	12pin Pogo Pin x1; Support network port bases
Key	Key	Power*1, Vol*2, P*3

Network connection

Type	Detail	Description
WIFI	WIFI	WIFI 802.11 b/g/n/a/ac frequency 2.4G+5G dual band
Bluetooth	Built-in	BT5.0(BLE)
2G/3G/4G	Built-in	CMCC 4M: LTE B1,B3,B5,B7,B8,B20,B38,B39,B40,B4 WCDMA 1/2/5/8 GSM 2/3/5/8
GPS	Built-in	Support

Data Collection

Type	Detail	Description
Fingerprint	Optional	Fingerprint module: Capacitive ; Comply with ISO19794-2/-4, ANSI 378, ANSI381 and WSQ standard Image size: 256*360pxei; FBI PIV FAP10 certification; Image resolution: 508dpi Acquisition speed: single frame image acquisition time ≤0.25s
QR code	Optional	Honeywell 6603&zebra se4710&CM60 Optical resolution: 5mil Scanning speed: 50 times/s Support code type: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverses, Han Xin, Han Xin Inverse
RFID function	LF	Support 125K and 134.2K; effective recognition distance 3-5cm
	HF	13.56Mhz, Support 14443A/B;15693 agreement, effective recognition distance 3-5cm
	UHF	CHN frequency: 920-925Mhz
		US frequency: 902-928Mhz
		EU frequency: 865-868Mhz
	Protocol standard: EPC C1 GEN2/ISO18000-6C Built in R2000 module, maximum power 33dbi, adjustable range 5-33dbi Antenna parameter: ceramic antenna (3dbi) Card reading distance: according to different labels, the effective distance is 5-25m; Label reading rate: 300pcs/s	

Reliability

Type	Detail	Description
Product reliability	Drop height	150cm power on status
	Operating Temp.	-20 °C to 50 °C
	Storage Temp.	-20 °C to 60 °C
	Tumble	Six side rolling test up to 1000 times
	Humidity	Humidity: 95% Non-Condensing