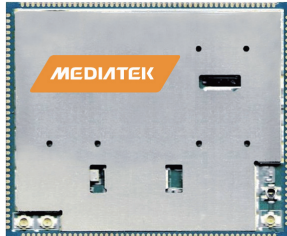


MK161

MK System in Package



Features

- Ready-to-go modules and accessories with compatibility
- Powered by MediaTek with technical support
- Cost-effective with fast time to market
- Customization services with flexibility and integration

System	
CPU	MT6735 ARM Cortex-A53 1.3GHz
OS	Android 5.1
RAM	Up to 3GB
Storage	Up to 32GB
Peripherals and Devices	
Camera	Front : UP to 13M
	Rear: Up to 13M, Flash support
Sensor	Magnetometer (M-Sensor/E-Compass)
	Accelerometer (G-sensor)
	Gyroscope
	Proximity sensor
	Ambient light sensor
Barcode Scanner	Honeywell 1D/2D
	Moto 1D/2D
POS	Optional
Printer	Optional
Audio & Vibrator	Speaker (1.5W), Microphone, (Support De-noising)
	3.5mm stereo headphone/ microphone combo jack
	Vibrator
Wireless	
WLAN	IEEE802.11 a/b/g/n
Bluetooth	Bluetooth 4.1(BLE, HS compliant)
	2G GSM/GPRS/EDGE(Band 850/900/1800/1900)
	3G WCDMA(Band 1,2,5,8)
WWAN	3G CDMA2000(BC0)
	4G FDD+TDD(Band 1,3,5,7,8,20,38,39,40,41)
	4G DRX(Band 1,3,5,7,8,20,38,39,40,41)
GPS	A-GPS/GPS//Beidou
	Accuracy up to 1~3m
NFC	Optional (MT6605EN , NXP PN548)

I/O Interface	
USB	Support 1 x micro USB 2.0 port High Speed / OTG Compatible(need plug)
HDMI	Optional
SD Slot	Support 1 x microSD card slot (support up to 32G)
SIM card	Support 2xUSIM or 1 xUSIM,1xSAM
Button & Indicator	
Notification	Voice prompt, Vibration, Charging indicator
	LED, Vocie or ther notification
Keypad	Optional
LCD Display	
Display	Up to 1080P (1920 x 1080)
Brightness (cd/m2)	TBD
Touch Screen	TBD
Power Supply	
Battery Capacity	TBD
Adaptor	AC220V to DC5V
Adaptor input	ACX 100~240V 50~60Hz
Adaptor Output	5V/2A (10W)
Quick Charge	Fully charged in 2hrs
Application Development Support	
System Software Development	Mobilink SDK
system hardware	Mobilink EVB
System Environ	JDK, Eclipse, Android SDK