A55 Specifications

		A55
	Dimensions LxWxH, mm(整机尺寸)	164.5*76.7*9.1mm
	Weight, kg(机器重量、带电池)	196g
Screen	Size, inch	6,528
	Resolution	720*1600
	LCD panel（屏玻璃）	BOE
	IC	NT36525BH-DPBS
	Panel type (IPS, other)	IPS
	Display resolution	720*1600
	Brightness, cd/cm2（屏亮度）	400TYP
	Viewing angle (H/V)(视角)	Full angle
Touch panel	Multi-touch, points supported	10 points(Multi point + gesture)
	TP type (G+G, other)	incell
	IC	NT36525BH-DPBS
	glass	熊猫MN228
Connectivity	Wi-Fi version & spec	IEEE 802.11 b/g/n/ac 2.4G /5G双频WiFi
	Bluetooth version & spec	BT /V4.1
	GSM spec	850/900/1800/1900 (B2/B3/B5/B8)
	3G spec	WCDMA：B1/B8
	LTE spec	TDD：B40 FDD：/B1/B3/B7/B8/B20
	GPS spec	Yes
	PCBA specs	10-layers
	CPU name	MT6761V
	Cores qty	Quad Core
	CPU clock (real clock using cpu-z)	cortex-A53@ 2.0GHz
	GPU	IMG GE8300
	Bit	64Bit
	RAM type	DDR3

PCBA	RAM volume	3GB
	ROM type	EMMC
	ROM volume	16GB
	TF card slot	yes
	Max TF card capacity	1TB
	USB type & qty	micro USB
	Max temperature on the surface during max loading	Celsius 45
	Video Decode	H.264 1080p@30 fps
	video Encode	H.264 1080p@30 fps
	RF IC	MT6177
	NFC IC	NO
	Uplink speed（上行速度）	50Mbps
	Downlink speed（下行速度）	150Mbps
Camera	Front, Mpix	5.0MP
	Front Camera Sensor	GC5025H-MCDC0
	Auto-focus (AF,FF)	FF
	Front Camera Aperture	F2.2
	Front Camera Maximum pixel	2592*1944
	Front Flash	/
	Rear, Mpix	8MP
	Rear Camera Sensor	S5K4H7
	Rear Camera Maximum pixel	3280*2464
	Auto-focus (AF,FF)	AF
	Rear Camera Aperture	F2.2
	Rear Flash	Yes
Sound	Speaker qty	1PCS
	Speaker size LxWxH, mm	1318
	Speaker Ω/W	8Ω 1.0W
	Microphone type	single microphone
	PMIC (Power management unit)	MT6371
	Cells quantity	1
	Battety type & V/A	3.87V
	Battery Size, LxWxH, mm	4.4*65*86mm

Power	Polymer type	Li ion polymer battery
	Battery capacity, Wh	实际16.87Wh 标贴18.49Wh
	Battery capacity, mAh	实电4360mAh/ 标贴4780mAh
	Battery working voltage range, V	3.5V~4.45V
	Max charging current for the battery,	5V1A
	Total charging time	4.5H
Multi-media	video	mp4\3Gp\mov\mkv
	audio	flac\ape\ac
	image	jpeg\png\gif\bmp
Features	Motor	Cylindrical motor
	Operation system	Android 11.0
	Navigation support (GPS, GLONASS, Beidou)	GPS+GLONASS+BEIDOU+Galileo
	Sensors (Proximity, Light, G-sensor etc)	G-sensor /P-sensor /L-sensor
	Gesture（手势）	NO
	Gyroscope（陀螺仪）	NO
	Magnetic(地磁)	NO
	Air pressure sensor（气压传感）	NO
	Temperature humidity sensor(温湿度传感)	NO
	Hall	NO
	Compass（指南针）	NO
	fingerprint(指纹）	NO
	RGB(信号灯）	NO
	NFC	NO
	hotkont	NO
	Coulomb Counter（库仑记）	NO
	Wireless charging（无线充电）	NO
	Sim-card quantity	2
	Sim-card type	nano card +TFcard
	FM	Yes
	OTG (+USB Host function)	NO

	Earphones 3,5mm jack type (OMTP or CTIA)	3.5mm Jack
	Total standby time, hours(待机时间)	23day
	Total talk time, hours(通话时间)	17.5H
	Total Music Playback Time (using wired Headset), hours(播放音乐时间)	26H
	Total Video Playback Time(via internal Speakers)	7.5H
	FOTA (firmware over-the-air) updates	YES
Accessories	Gift box	yes,standard giftbox
	User Manual	YES
	Protective film separately(单独的中性保	NO
	Marketing film（出货贴在手机上的保护	Yes
	Power adaptor (spec+color)	5V 1A, white
	USB charging	yes
	USB connector type	micro USB
	Current intensity, A	1A
	OTG cable (color)	no
	Earphones (color)	no
	USB cable (color)	white