

Product Specification

Basic Functions	
Encapsulation	LCC 366 PIN
CPU	MTK8781, 2* Arm Cortex-A76(2.2GHz)+6* Arm Cortex-A55 (2.0 GHz)
GPU	Arm G57 MC2
Memory	2XLP4X2,133MHZ, LPDDR4X RAM; EMMC5.1/ UFS2.2
Demensions(mm)	50.5mm*43mm*2.9mm
GSM	G4 (850,900,1800,1900)
LTE	B1,B2,B3,,B4,B5,B7,B8,B12,B17,B20,B34,B38,B39,B40,B41
WCDMA	B1,B2,B4,B5,B8
Wi-Fi	Support 802.11 a/b/g/n/ac/2.4G/5G
BT	5.2 BR/EDR/BLE
GNSS	GPS/ GLONASS/ BeiDou/Galileo/ QZSS
OS	Android 14
Working voltage	3.4~4.2V
Operation temperature	-25°C - +60°C
Weight	8.6±0.1g
Video	
Video coding	2560x1144@30fps,60Mbps 8-bit HEVC/H.264/H.264
Interface	
LCD	1 * 4-Lane MIPI_DSI port, max support 2000×1200 @30fps FHD+120HzDSC 3 * 4-Lane MIPI_CSI port, each Lane
Camera	The maximum speed can reach 2.5Gbps, 4-Lane Maximum interface support 64MP
UART	2 * UART Serial port, The maximum 4Mbps;
I2C	10 * I2C port, can use for TP, Camera, Sensor
I2S	2 * I2S port
SPI	4 * SPI port
ADC	4 * ADC port
USB	1 * USB2.0 high speed (HS) port, Maximum data transmission rate 480 Mbps, support USB OTG
SDIO	1 * SD3.0, 4bit SDIO, SD card supports hot swapping
GPIO	49 * GPIO
Speaker	Support external power amplifier 1W on 8Ω load in Class-D mode
Receiver	1 * Receiver
Mic	3 * analog microphones
Handset	Stereo CLASS AB
USIM	2 * SIM card
Keys	Power on/off /Reset
Certification	
Certification	RoHS*/CCC*/SRRC*/NAL*/CE*/FCC*/TSCA*/JATE*/TELEC*