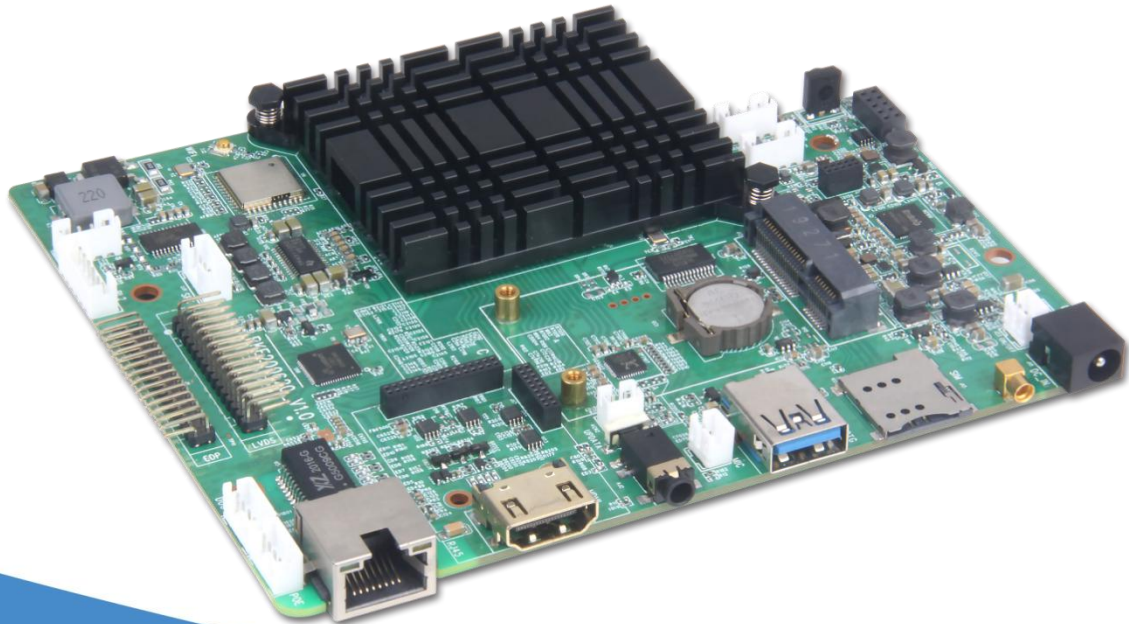


# RK3399 High-performance development board

K2-3399



K2-3399 is a Rockchip RK3399 super performance 4K development board, integrating HDMI OUT, LVDS/EDP mainstream display output interface, and adding HDMI IN (4K30), LTE (4G), Tuner, GTIOT, RS232, WDT One-stop service with POE, supporting multiple functions and meeting the needs of more developers in different scenarios

## Multiple video Interfaces/Modes:

HDMI OUT: 1 \* HDMI

HDMI IN: 1 \* HDMI (4K30)

LVDS: 1\*LVDS (Support mainstream size LCD screens on the market)

EDP: 1\*EDP (Support mainstream size LCD screens on the market)

Support multi-screen simultaneous display, multi-screen different display, multi-screen rotation splicing, picture-in-picture and other display methods

## Tuner:

Support a variety of digital TV:

DVB-T2/T/C, ATSC1.0/3.0, ISDB-T/DTMB

## GTIOT:

Support multiple optional wireless protocols:

Z-WAVE / ZIGBEE /

LoRa / LTE / GPS / WiFi / BT5.0

## Diversified functions :

Built-in RJ45 interface (10/100/1000M) +POE

Dual frequency dual antenna WIFI+BT

LTE (Mini PCIE interface/global standard) meets outdoor network coverage

RS232+GPIO, Application Diversification;

Built-in WatchDog&RTC, 7\*24H Stable and unguarded.

Android10.0/Linux

## Stable performance and good heat dissipation effect:

The PCBA board is made of solid materials and meets CE/FCC certification requirements, The maximum operating temperature can reach -20~85°C.

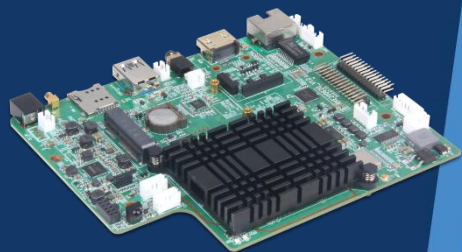
## personalized customization :

Provide SDK secondary development

MDM customization (remote device management);

APP customization.

## Product Specification



<b>CPU</b>	Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.4GHz
<b>GPU</b>	Mali-T860 GPU, support OpenGL ES1.1/2.0/3.0/3.1, OpenCL and DirectX 11.1
<b>RAM</b>	2GB (4GB optional)
<b>ROM</b>	16GB eMMC (8~128GB optional)
<b>LAN</b>	1*RJ45 10/100/1000Mbps (LED)
<b>WiFi</b>	802.11 a/b/g/n/ac (2.4G/5G)
<b>BT</b>	BT 4.2/5.0(optional)
<b>GTIOT</b>	Support multiple optional wireless protocols: Z-WAVE / ZIGBEE / LoRa / LTE / GPS / WiFi / BT5.0
<b>Tuner</b>	Support a variety of digital TV reception : DVB-T2/T/C,ATSC1.0/3.0, ISDB-T/DTMB
<b>WatchDog /RTC</b>	Support
	1 x GTIOT
	1 x HDMI OUT
	1 x HDMI IN
	1 x LVDS(2*15Pin 2.0mm)
	1 x Backlight interface (Built-in Back light 4pin2.0mm) / 1 x 6pin2.0mm Backlight interface
	1 x EDP(2*15Pin 2.0mm)
	1 x RF
	1 x RJ45 10/100/1000M(LED) / 1 x POE
	1 x USB3.0 (Shared OTG)+ 2x USB2.0 (4PIN2.0mm)
<b>I/O</b>	1 x GPIO(2*5PIN2.0mm)
	1 x RS232 (Optional with headphone/mic interface function)
	1 x mini pcie LTE + 1 x Micro SIM
	1 x MIC (Jac: 3.5mm or 2PIN2.0mm optional)
	1 x SPK (4PIN2.0mm,Max:2 x 8Ω10W)
	1 x Power_Key (Optional automatic power-on)
	1 x IR
	1 x DC IN (Φ5.5/2.1mm)
	2 x WIFI/BT Antenna interface
<b>OS</b>	Android10.0 / Linux
<b>POWER</b>	DC 12V/3A
<b>Size(mm)</b>	142*117*16 (no interface)
<b>Certifications</b>	CE / FCC