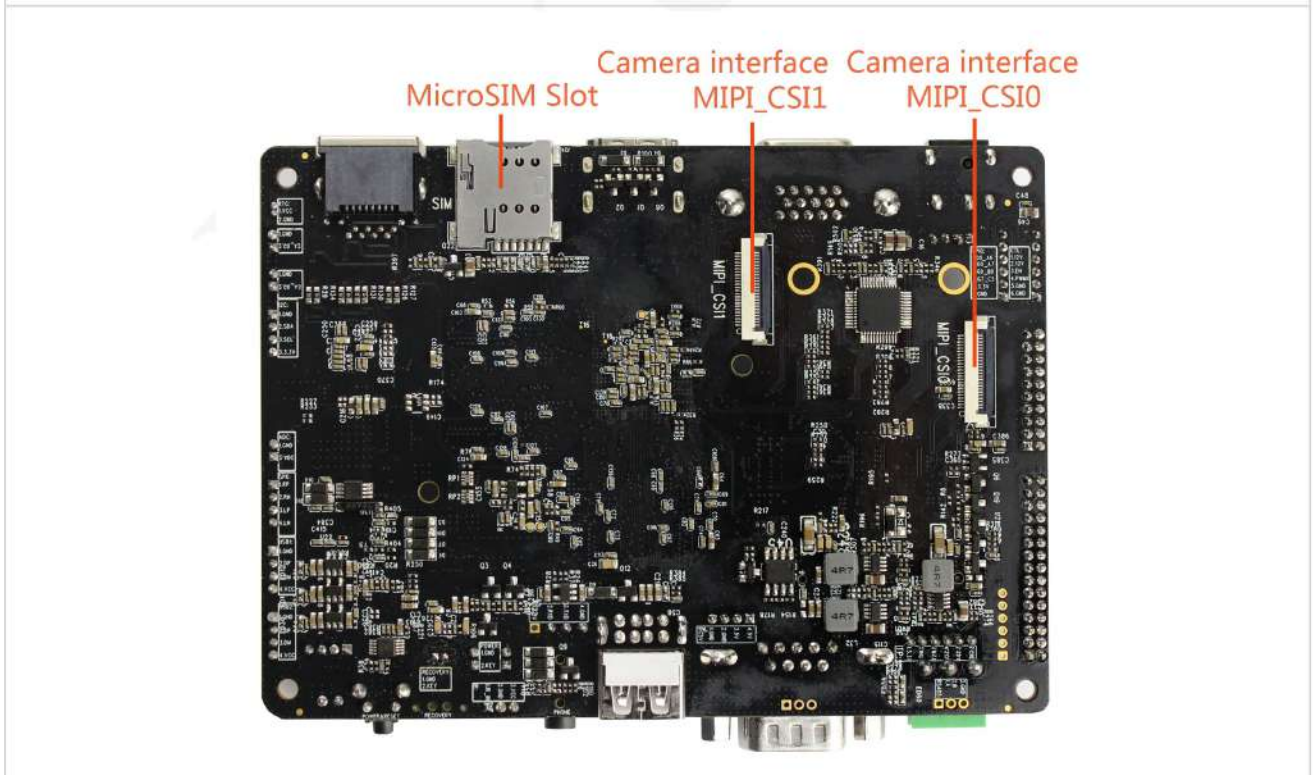
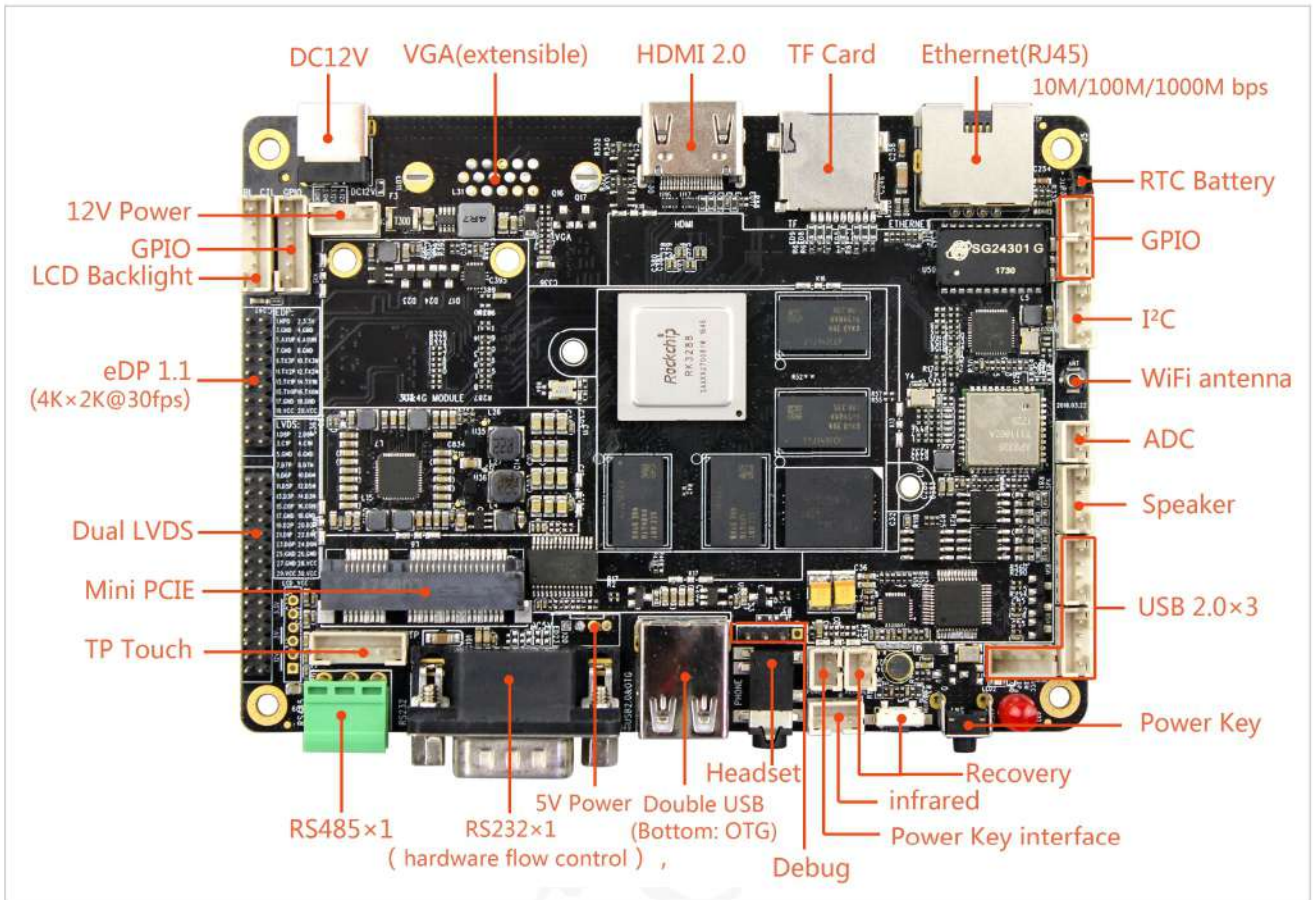


1.3 Interface description



2. Hardware Specifications

Types	Specifications
CPU	RK3288 Quad-core Cortex-A17 , Up to 1.8G Hz
GPU	Support Mali-T764 GPU, AFBC (Frame Buffer Compression) Support OpenGL ES 1.1/2.0/3.1, OpenCL, DirectX9.3、 Embedded high-performance 2D acceleration hardware
DDR	2GB dual channel DDR3
Memory	8GB eMMC 5.1、 Support MicroSD (TF) Card
Multimedia	Support 4K 10bits VP9/H265/H264, Support 4K video decoding up to 60fps
	1080P multi-format video decoding (VC-1, MPEG-1/2/4, VP8)
	Support the encoding of 1080P videos with H.264 and VP8 formats
	Video post processor: deinterlacing, denoising, edge/ detail/ color optimization
Display	Dual LVDS : Support 1080P@60Hz LCD screen
	eDP1.1 : Support 4K×2K@32fps
	HDMI 2.0 : Support 4K 60Hz display , Support HDCP 1.4/2.2
	VGA interface (extensible) : Support 1080P@60Hz Output
Audio	1 x HDMI audio output、 1 x Headset、 1 x Double channel speaker (8Ω/2W)
Camera	2x MIPI-CSI Camera Port
Interface	GPIO、 eDP、 LVDS、 USB、 ADC、 I2C、 Key、 Voltage input and output interface
Network	10/100/1000Mbps Ethernet (RJ45 interface)
	On-board WIFI/BT module , Support Single frequency WiFi 2.4GHz , Support 802.11 b/g/n protoco, Support Bluetooth 4.2I
	Mobile Network : Built-in WCDMA,EVDO,4G universal version
RTC	Built-in RTC real-time clock (timer switch supported)
USB	1×USB_OTG , 1×USB_HOST, 3×USB socket
Serial port	1×RS232 (hardware flow control) , 1×RS485
infrared	With a one-way infrared receiver, it has the function of infrared remote control.
OS	Android 5.1、 Linux、 Ubuntu operating system
Input power	12V/2A
Size	126 mm × 91.3mm

3. PCB Size

