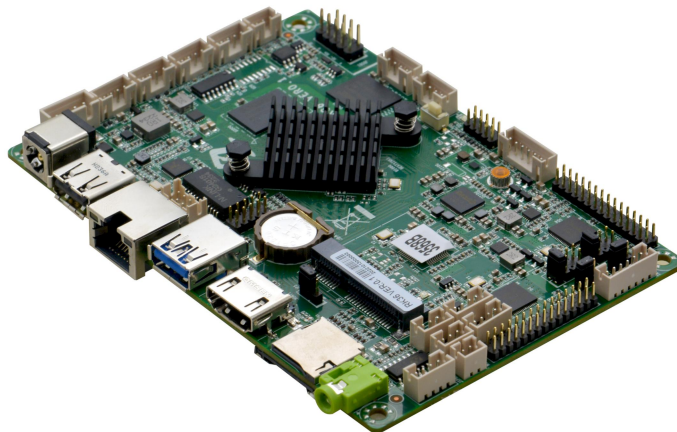
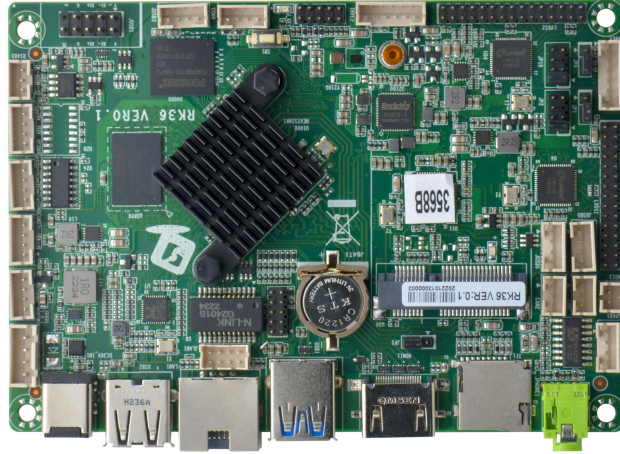


RK36B VER:1.0

[Cortex-A55]



Model No.	RK36B VER:1.0
Processor	CPU Rockchip RK3568B2 Quad-core Cortex-A55 up to 2.0GHz processor
Chipset	Based on RK3568B2 SOC platform
Memory	Onboard LPDDR4 2G memory (1GB/2GB/8GB optional)
Graphics	Integrated ARM Mali-G52 GPU, support OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1
	1x HDMI, 2x LVDS
	Support dual-screen differential display
Network	1x RTL8211F Gigabit network card chip
Storage	1x eMMC memory chip 16G (8GB/32GB/64GB/128GB optional)
	1x Support TF card expansion
Audio	Line-out, MICK
Amplifier	Support 2Ω5W dual channel
Expansion slots	1x mini PCIe slot
Rear I/O interface	1x USB2.0
	1x USB3.0
	1x HDMI
	1x Gigabit network interface
	1x Line-out (green)
	1x TF card slot
	1x SIM card slot
	1x DC 12V power interface
Built in I/O interface	1x USB3.0, 2*5pin
	3x USB2.0, 1*4pin
	2x RS232 serial interface, 1x 4pin
	2x TTL serial interface, 1x 4pin (default TTL level, can be changed to RS232)
	1x RS485, 1x 3pin (optional post)
	2x LVDS
	1x Gigabit network interface (optional with RJ45)
	2x Screen backlight power supply interface 1x 6pin
	1x Power amplifier (2Ω5W) 1x 4pin
	1x MIC interface 1x 2pin
	1x DC12V input 1x 4pin
	2x CAN, 1x 3pin
	1x Function button and indicator light interface 2x 5pin
	Power input
GPIO	Supports 4 input and 4 output GPIO interfaces
OS	Android 11, Ubuntu20.04、Debian 10
Working Temp.	0℃~60℃
Storage Temp.	-20℃~70℃
Working Humidity	5%-95%(relative humidity; non-condensing)
Dimension	126mm x 88 x 12mm (6-layer board, screw hole specifications: Ø3.5mm x 4)

Order information:

NO	Model	Processor	Frequency	Memory	CAN	HDMI	LVDS	eMMC	WIFI	LAN	USB	TTL	RS485	COM	Power
1	RK36B VER:1.0	RK3568B2	2.0G	LPDDR4 1G	2	1	2	8G	/	1	6	2	1	2	DC12V
2	RK36B VER:1.0	RK3568B2	2.0G	LPDDR4 2G	2	1	2	16G	/	1	6	2	1	2	DC12V
3	RK36B VER:1.0	RK3568B2	2.0G	LPDDR4 4G	2	1	2	32G	/	1	6	2	1	2	DC12V
4	RK36B VER:1.0	RK3568B2	2.0G	LPDDR4 4G	2	1	2	64G	/	1	6	2	1	2	DC12V
5	RK36B VER:1.0	RK3568B2	2.0G	LPDDR4 4G	2	1	2	128G	/	1	6	2	1	2	DC12V