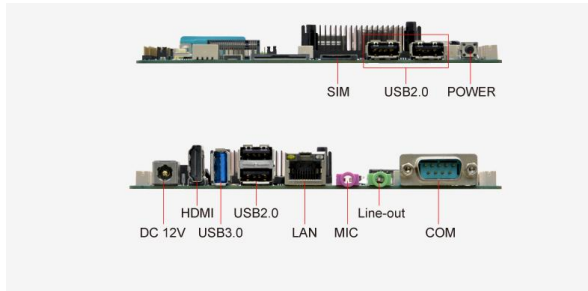
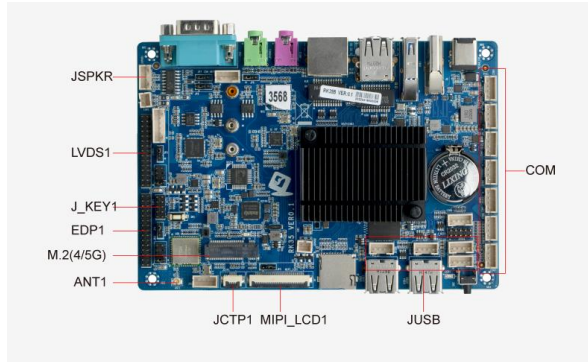


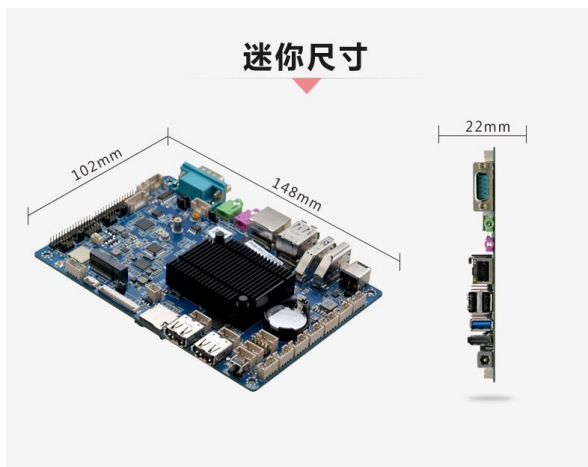
# RK35B VER:1.0

Based on Rockchip RK3568 platform\_ARM Cortex Processor "A" Series

[ Cortex-A55 2.0GHz ]



## 迷你尺寸



<b>Model No.</b>	RK35B VER:1.0
<b>Processor</b>	Integrated Quad-core Cortex-A55 up to 2.0GHz processor
<b>Chipset</b>	Based on Rockchip RK3568B SOC, NPU: up to 0.8TOPS
<b>Memory</b>	Onboard LPDDR4 2GB memory (4GB optional)
<b>Display</b>	Integrated ARM Mali-G52 GPU, supporting OPENGL ES1.1/2.0/3.2, OPENCL 2.0, Vulkan 1.1 ; Resolution max: 3840 x 2160
	1x LVDS, 1x EDP, 1x HDMI1.4, x MIPI
	Support multi screen display, asynchronous display
<b>Ethernet</b>	1x RJ45 GbE LAN ( RTL8211F Gigabit Ethernet controller)
<b>WLAN</b>	1x WIFI&BT module builtin ; 1x M.2 slot ( supporting M.2 Key-B 4G/5G module)
<b>Storage</b>	1x eMMC 16GB onboard (32G/64G optional)
	1x TF card socket, up to 64G
<b>Audio</b>	Integrated audio controller, based on power management chip(RK809-5). Line_out/Mic_in, Power Amplifier (2Ω 5W/2 CH)
<b>Rear I / O interface</b>	1x HDMI1.4
	2x USB2.0 ; 1x USB3.0
	1x RJ45 LAN (10M/100M/1000M self-adaption) (2x RJ45 optional)
	1x Line-out ; 1x Mic_in
	1x RS232 serial port (support RS485, switch by jumper)
	1x DC_Jack (DC_12V input)
<b>Front I / O interface</b>	1x TF card slot
	2x USB2.0
	1x SIM slot
	1x Power Switch
	1x EDP 2*15pin
	1x LVDS (2*15pin, supports dual channels 24BIT)
	1x LCD/LED screen backlight power port 1*6pin
	4x USB2.0 1*4pin

<b>Built in I / O interface</b>	1x RS485/422 serial port 1*4pin
	6x RS232 serial ports 1*4pin
	2x TTL serial ports 1*4pin
	1x MIPI display port (40pin/FPC)
	1x Audio Power amplifier(2Ω 5W) 1*4pin
	1x Audio Power amplifier(8Ω 1.3W) 1*2pin
	1x Front panel function button and indicator port 2*5pin
	1x CTP (for touch panel/6pin FPC)
	1x CAN interface 1*2pin
	1x IR interface 1*4pin
	<b>GPIO</b>
<b>OS</b>	Android / Linux
<b>Power Type</b>	DC_12V
<b>working temp.</b>	-10°C ~ 60°C
<b>Storage temp.</b>	-20°C ~ 70°C
<b>Working humidity</b>	5%-95%(Relative humidity, non condensing)
<b>Dimension</b>	148mm x 102mm

**Basic Info:**

NO.	Model	Processor	Frequency	Memory	eMMC	EDP	HDMI	LVDS	MIPI	WIFI/BT	LAN	USB	CAN	COM	Power
1	RK35B v1.0	RK3568B	2.0G	2G	16G	1	1	1	1	1	1*1000	9	1	8	DC_12V