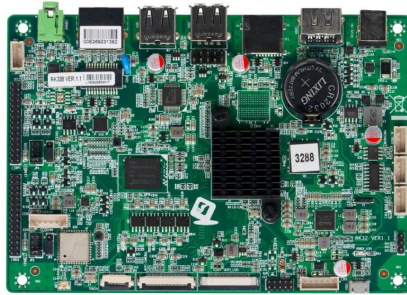


RK32B VER:1.1

Based on Rockchip RK3288 platform_ARM Cortex Processor "A" Series

[Cortex-A17 1.80GHz]



Specifications:

Model No.	RK32B VER:1.1
Processor	Integrated Quad-core Cortex-A17 up to 1.8GHz processor
Chipset	Based on Rockchip RK3288 SOC
Memory	Onboard LPDDR4 2GB memory (4GB optional)
Display	Integrated ARM Mali-T764 GPU, supporting OPENGL ES1.1/2.0/3.0, OPEN VG1.1, OPENCL, Directx11 Resolution max: 3840 x 2160
	1x LVDS, 1x EDP, 1x HDMI1.4
	Play Mode: Loop playback / Inter cut / Timed playback
Ethernet	1x RJ45 GbE LAN (RTL8211F Gigabit Ethernet controller)
WLAN	1x WIFI&BT module builtin
Storage	1x eMMC 16GB onboard (32G/64G optional)
	1x TF card socket, up to 64G
Audio	Builtin Everest ES8316 Audio controller, support Line_out & Mic_in
External I / O interface	1x HDMI1.4 (1080P @60Hz / 4K @30Hz)
	2x USB2.0
	1x RJ45 LAN (10M/100M/1000M self-adaption)
	1x TF card slot
	1x Micro_USB2.0
	1x Line-out
	1* DC_Jack (DC_12V input)
Built in I / O interface	2x RS232 Serial port 1*4pin
	1x RS485 Serial port 1*4pin
	1x EDP 2*15pin
	1x LVDS (2*15pin, supports dual channels 24BIT)
	1x LED/LCD backlight power port 1*6pin
	2x USB2.0 (PH: 2.0mm)

	1x MIC 1*4pin
	2x MIPI (1x MIPI for camera ; 1x MIPI for display)
	1x Touch panel interface
GPIO	Support 4-way input and output GPIO
O/S	Android 7.1
OS upgrade	Support SD card / PC upgrade
Power Type	DC_12V
working temp.	-10°C ~ 60°C
Storage temp.	-20°C ~ 70°C
Working humidity	5%-95%(Relative humidity, non condensing)
Dimension	148mm x 102mm

Basic Info:

NO.	Model	Processor	Frequency	Memory	EDP	HDMI	LVDS	eMMC	WIFI/BT	LAN	USB	COM	Power
1	RK32A VER:1.1	RK3288	1.8G	1G	1	1	2ch/24BIT	8G	1	1*8211F	5	3	DC12V
2	RK32B VER:1.1	RK3288	1.8G	2G	1	1	2ch/24BIT	16G	1	1*8211F	5	3	DC12V