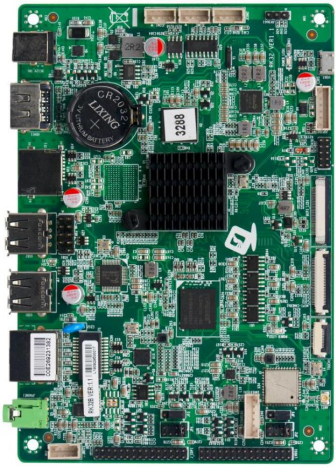
RK32 VER:1.1 Specification



RK32 VER1.1front view



RK32 VER1.1 front I/O view



RK32 VER1.1 Lateral View

Model No.	RK32B VER:1.1
Processor	CPU Rockchip RK3288 quad-core Cortex-A17 1.8GHz processor
Chipset	Based on RK3288　SOC platform
Memory	Onboard LPDDR3 2G memory (1G/4G/8G optional)
Display	Integrated ARM Mali-T764 GPU，support OPENGL ES1.1/2.0/3.0, OPEN VG1.1, OPENCL, Directx11
	1*HDMI，1*LVDS，1*EDP
	Support dual-screen synchronous/asynchronous display
Network	1* RTL8211F Gigabit Ethernet ，support wake on LAN
	1*WIFI/ bluetooth module
Storage	1* eMMC 16G (8G/32G/64G/128G optional)
	1* TF card socket ,up to 64G
Audio	Onboard Everest ES8316 Audio ,support Line-out,MIC
Expansion slot	NA
Rear I/O	2* USB2.0
	1* HDMI
	1* Gigabit Ethernet connector
	1* Line-out（Green）
	1* TF card socket
	1* MICRO_USB2.0
	1*DC12V power input port
Internal I/O	2*USB2.0
	2* RS232 COM port , 1*4pin
	1*RS485 COM port, 1*4pin
	1* Touch Panel port
	2* MIPI ports，used to connect camera for one ,another used to connect MIPI screen
	1*LVDS 2*15pin，support dual channel 24bit
	1* EDP port，2*15pin
	1* screen backlight power supply port1*6pin
	1* MIC port 1*4pin
Power input	DC 12V power input
GPIO	Support 4-in 4-out GPIO
OS Support	Android 7.1、Ubuntu18.04、debian9
Operating Temp.	-10℃～60℃
Storage Temp.	-20℃～70℃

Relative Humidity	5%-95%(relative humidity; non-condensing)
Dimension	148mm x 102mm

Order information

NO.	Model	Processor	Frequency	Memory	EDP	HDMI	LVDS	eMMC	WIFI	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
3	RK32H VER:1.1	RK3288	1.8G	4G	1	1	2ch/24BIT	32G	1	1*8211F	5	3	DC12V
4	RK32E VER:1.1	RK3288	1.8G	4G	1	1	2ch/24BIT	64G	1	1*8211F	5	3	DC12V
5	RK32K VER:1.1	RK3288	1.8G	4G	1	1	2ch/24BIT	128G	1	1*8211F	5	3	DC12V