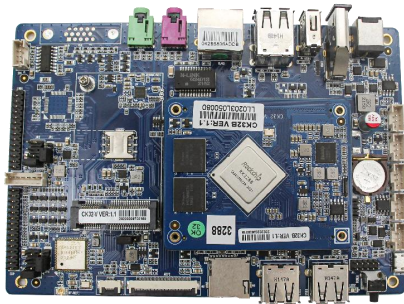


## CK32B(CK32-V)

Suitable for: Edge Computing, Industrial Automation, Digital Signage, Medical Care etc; **OEM/ODM available**



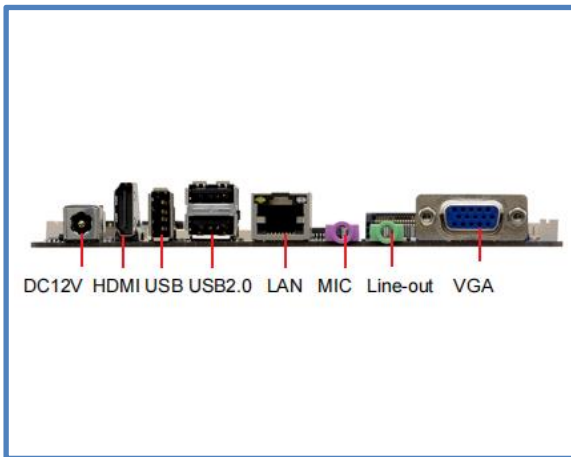
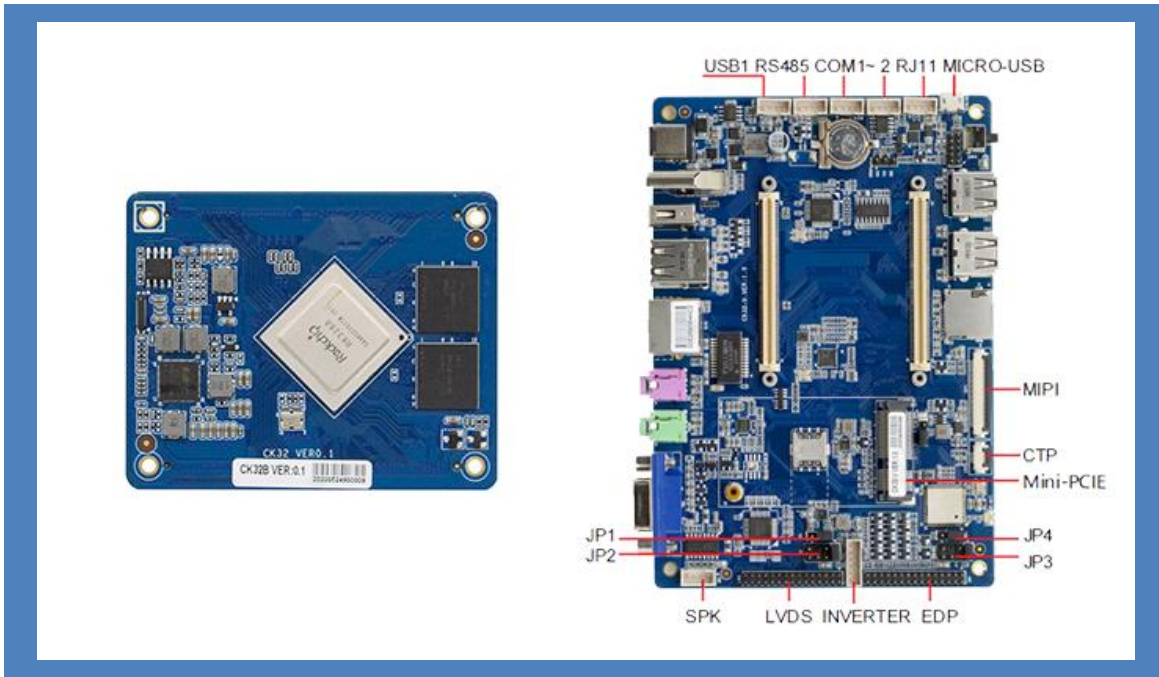
### Main Features

- Onboard Rockchip RK3288 Cortex-A17/1.8GHz quad-core Processor
- Onboard LP DDR3 2G RAM ; up to 4G
- onboard eMMC 16G memory (up to 32GB);  
1x TF card slot(up to 64GB)
- 1x RJ45 GbE ports ; 6x USB2.0
- 1x VGA, 1x HDMI, 1x LVDS, 1x EDP, 1x MIPI
- 1x Mini-PCIE, support 4G module
- Built-in WIFI&BT module
- 3x COM; 1x Cash drawer; 1x CTP; 1x SIM slot
- DC\_12V Power Input

### Specification :

<b>Model No.</b>	<b>CK32B(CK32-V) VER:1.0</b>
<b>Processor</b>	Onboard Rockchip RK3288 Cortex-A17 1.8GHz quad-core processor
<b>Chipset</b>	Based on RK3288 SOC
<b>Memory</b>	Onboard LP DDR3 2G memory ( 1G/2G optional); up to 4G
<b>Display</b>	Integrated ARM Mali-T764 GPU, supports OPENGL ES1.1/2.0/3.0, OPEN VG1.1, OPENCL, Directx11 1x VGA, 1x HDMI, 1x LVDS, 1x EDP, 1x MIPI Support dual-screen simultaneous display/dual-screen different display
<b>Network</b>	1x RTL8211F Gigabit Ethernet 1x WIFI & bluetooth module
<b>Storage</b>	1x TF card slot, up to 64GB 1x eMMC5.1 memory chip, 16G ( 8GB/16GB optional); up to 32GB
<b>Audio</b>	Onboard Everest ES8316 Audio chip, supports Line-out, MIC, power amplifier Supports power amplifier 2Ω5W dual channels
<b>Expansion slots</b>	1x Mini-PCIE slot, supports 4G LTE module
<b>Backplane I/O interface</b>	3x USB2.0 1x HDMI 1x Gigabit Network Interface 1x Line-out (Green) 1x MICK (Red) 1x VGA 1x DC 12V power interface, supports 12V power input output
<b>Front panel I/O interface</b>	1x TF card slot 2x USB2.0 1x MICRO_USB2.0 1x Power switch
<b>Built in I/O interface</b>	1x LVDS, 2*15pin, supports dual channels 24BIT 1x EDP, 2*15pin, 2x RS232 COM, 1*4pin 1x RS485 COM, 1*4pin 1x Cash drawer interface, 1*4pin 1x MIPI, FPC Specification, 40pin, used to connect to MIPI screen 1x CTP, FPC Specification, 6pin, for touch screen 1x Screen backlight power supply interface, 1*6pin 1x Power amplifier interface, 1*4pin 1x USB2.0, 1*4pin 1x Front panel function button and indicator light interface, 2*5pin 1x SIM card slot
<b>Power Type</b>	DC 12V single power input
<b>GPIO</b>	N/A

OS	Android 7.1、Ubuntu18.04、debian9 etc.
Working temperature	0℃~60℃
Storage temperature	-20℃~70℃
Working Humidity	5%-95% ( relative humidity, non-condensing)
Dimension	148mm x 102mm



**Ordering info:**

NO.	Model	Core Board	EDP	VGA	HDMI	LVDS	DP	WIFI	LAN	USB	COM	RS485	RJ11	Power
1	CK32B(CK32-V) VER:1.0	CK32B	1	1	1	1	/	1	1	6	2	1	1	DC12V