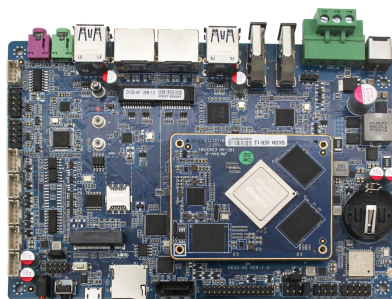


CK33H(CK33-H2)

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



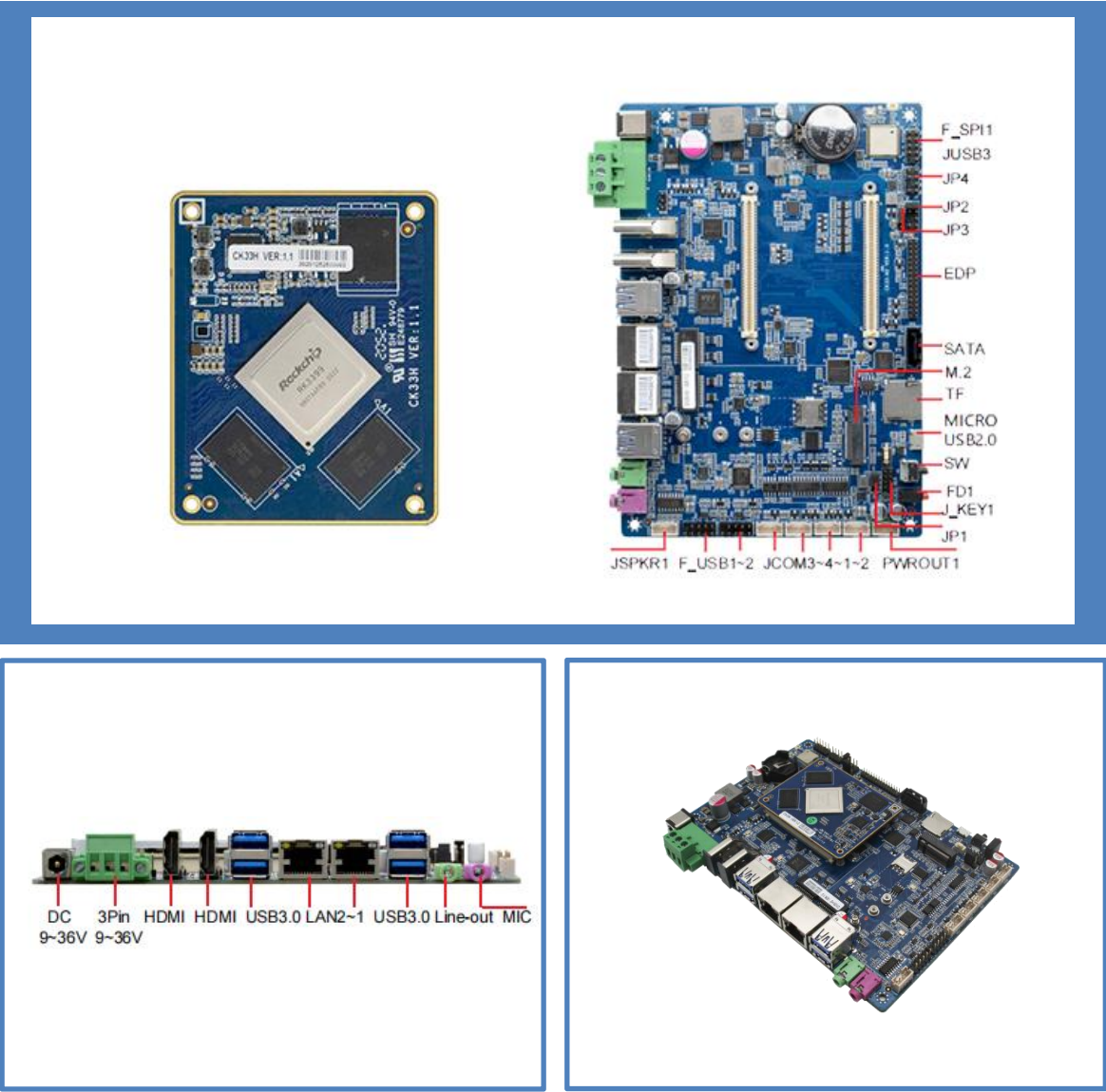
Main Features

- Onboard Rockchip RK3399 Cortex-A72/1.8GHz dual-core and Cortex-A53/1.4GHz Quad-core Processor
- Onboard LP DDR4 4G RAM
- onboard eMMC 32G memory (up to 128GB); 1x TF card slot (up to 64GB)
- 2x RJ45 GbE ports; 4x USB2.0, 4x USB3.0
- 2x HDMI, 1x EDP
- 1x M.2, support M.2 B-KEY 2242 / 2252 4G/5G module
- Built-in WIFI&BT module
- 4x COM; 1x SPI; 1x I2C
- DC_9~36V Power Input

Specification :

Model No.	CK33H(CK33-H2) VER:1.0
Processor	CPU Rockchip RK3399 Dual-core Cortex-A72 up to 1.8GHz Quad-core Cortex-A53 up to 1.4GHz
Chipset	Based on RK3399 SOC platform
Memory	Onboard LPDDR4 4G memory
Display	Integrated ARM Mali-T864 GPU, supports OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11 2x HDMI, 1x EDP Support three-screen simultaneous display/three-screen different display
Network	1x RTL8211F Gigabit Ethernet 1x RTL8111H Gigabit Ethernet 1x WIFI / bluetooth module
Storage	1x TF Card slot, maximum support 64G 1x 7pin SATA3.0, the transfer rate is up to 6Gbps 1x eMMC5.1 memory chip 32G (16GB/32GB/128GB optional)
Audio	Onboard Everest ES8316 Audio chip, supports Line-out, MIC, power amplifier Supports power amplifier 2Ω5W dual channels
Expansion slots	1x M.2, support M.2 B-KEY 2242 / 2252 4G/5G module
Backplane I/O interface	4x USB3.0 2x HDMI 2x RJ45 Gigabit network interface 1x Line-out (Green) 1x MIC (Red) 1x 3pin DC, Support for 9V to 36V power supply input and output 1x DC, Support for 9V to 36V power supply input and output 1x TF Card slot
Front panel I/O interface	1x HDD indicator, 1x power indicator 1x MICRO_USB2.0 1x Power switch
Built in I/O interface	1x EDP, 2x 15pin 4x USB2.0, 2x 5pin 1x Power amplifier interface, 1x 4pin 1x Hard disk power supply interface, 1x 4pin 1x Front panel function button and indicator light interface, 2x 5pin 4x RS232, COM3/COM4 can support RS485 switch by software 1x SPI, 2x 5pin, support 4 serial port expansion 1x I2C, 2x 4pin, can be used to expand the IO port
Power Type	DC 9~36V Single power input
GPIO	N/A
OS	Android 7.1, Ubuntu16.04, Linux (Qt+eglfs, pure command mode).

Working temperature	0℃～60℃
Storage temperature	-20℃～70℃
Working Humidity	5%-95% (relative humidity, non-condensing)
Dimension	165mm x 115mm



Ordering info:

NO.	Model	Core Board	Processor	Frequency	Memory	eMMC	EDP	VGA	HDMI	LVDS	DP	WIFI	LAN	USB	COM	Power
1	CK33H(CK33-H2) VER:1.0	CK33H	RK3399	1.8GHz	4G	32G	1	/	2	/	/	1	2	8	4	DC9~36V