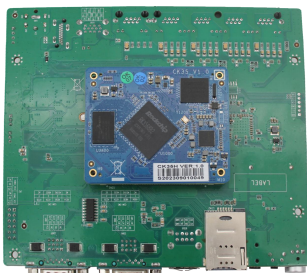


CK35H(CK33-L5)

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

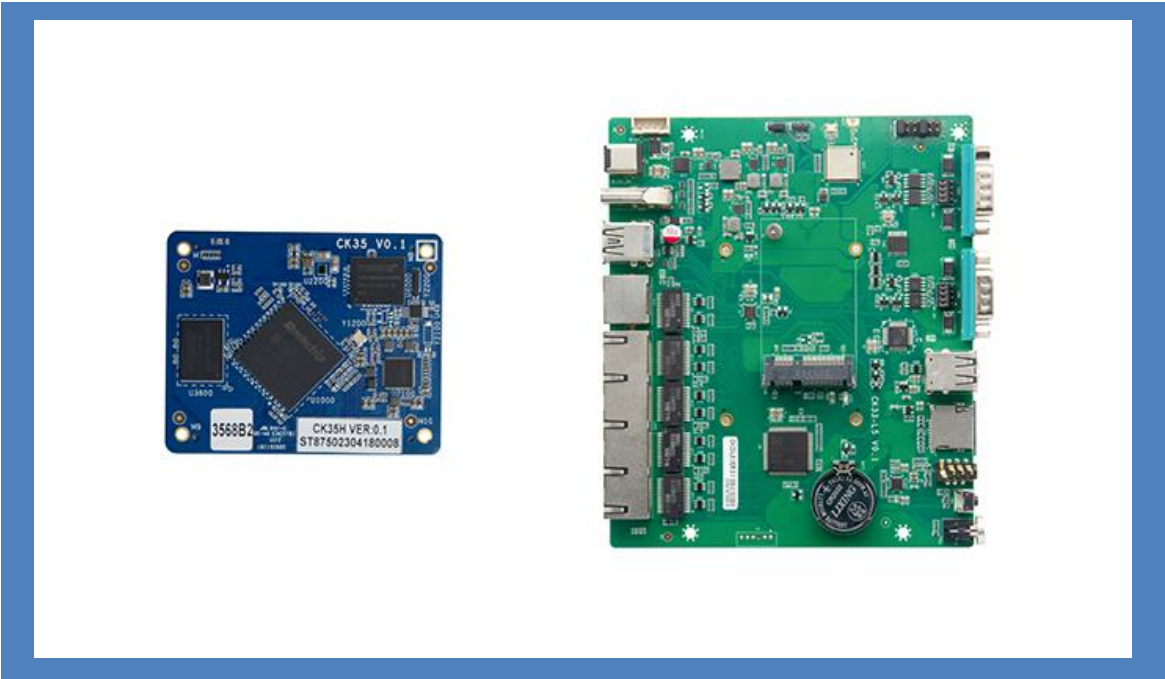


Main Features

- Onboard Rockchip RK3568B2 Cortex-A55/2.0GHz Quad-core Processor
- Onboard LP DDR4 4G RAM
- onboard eMMC 32G memory (up to 32GB); 1x TF card slot(up to 128GB)
- 1x WAN, 4x GbE ports, support WIFI&BT module ; 3x USB2.0, 1x USB3.0
- 1xHDMI
- 1xMini-PCIE, support 5G module
- 2x COM; 1x RTC; 1x SIM/TF card slot
- DC_12V Power Input

Specification :

Model No.	CK35H(CK33-L5) VER:1.0
Processor	CPU Rockchip RK3568B2 Quad-core Cortex-A55 up to 2.0GHz
Chipset	Based on RK3568B2 SOC platform
Memory	Onboard LPDDR4 4G memory (2G/8G optional)
Display	Integrated ARM Mali-G52 GPU, supports OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1
Network	1x HDMI
	1x WAN, 4x LAN
Storage	1x WIFI (dual frequency)/Bluetooth module (reserved)
	1x eMMC memory chip 32G
Expansion slots	1x Support TF card expansion
Backplane I/O interface	1x mini PCIe slot (with built-in USB3.0 signal, can support 5G)
	2x DB9, thin package (2*RS485/2*RS422/2*RS232, choose one of three through pop-up)
	2x USB2.0
	1x SIM/TF card slot
	1x Line-out/MIC 2-in-1
Front panel I/O interface	1x Burning key
	1x Power button (with light)
	1x DC 12V input, ordinary DC
	1x HDMI
	1x USB2.0 (upper OTG), 1x USB3.0
Built in I/O interface	1x RJ45 Gigabit (WAN port)
	4x RJ45 Gigabit (LAN port)
	1x mini PCIe slot (supports 4G/5G)
	1x RTC (2032)
	1x Switch debugging interface, 1x 6pin PH=2.0mm
Power Type	1x DC12V connection interface, 1x 4pin PH=2.54mm, can be connected to 9-36V wide pressure plate
OS	DC 12V input
Working temperature	Android 11、Ubuntu 20.04、Debian 10、debian 11、debian 12.
Storage temperature	0℃~60℃
Working Humidity	-20℃~70℃
Dimension	5%-95% relative humidity, no condensation
	148mm x 125 x 25.1mm Universal P67 core board size and screw holes (6-layer board, screw hole specifications: Ø3.5mm x 4)



Ordering info:

NO.	Model	Core Board	Processor	Frequency	Memory	eMMC	MIPI	HDMI	LVDS	eMMC	WIFI	LAN	WAN	USB	DIO	COM	Power
1	CK35H(CK33-L5) VER:1.0	CK35H	RK3568B2	2.0GHz	4G	32G	/	1	/	/	1	4	1	4	/	2	DC12V