

## CK35H(CK35-L5)

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

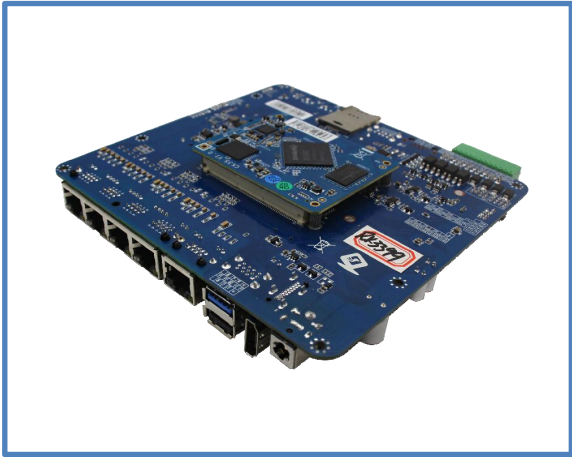
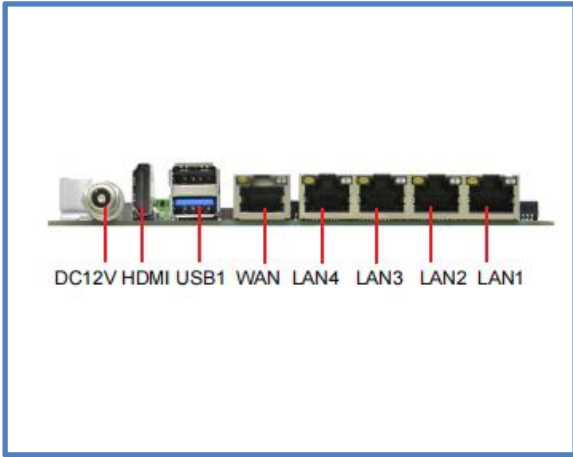
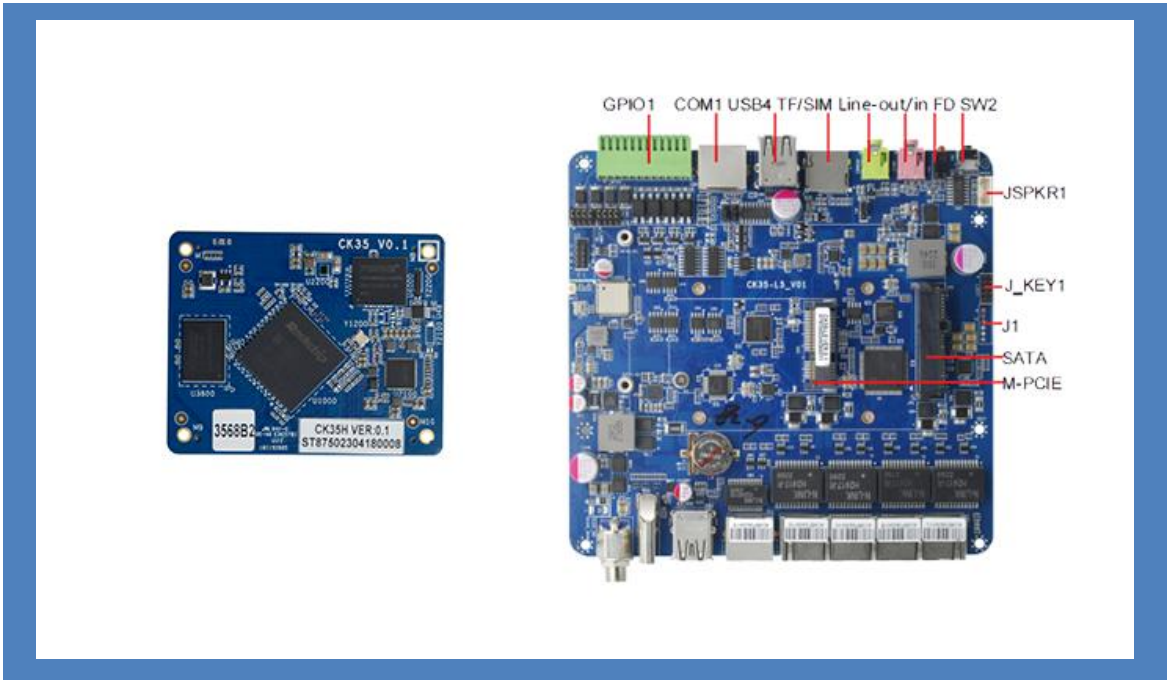


### Main Features

- Onboard Rockchip RK3568B2 Cortex-A55/2.0GHz Quad-core Processor
- Onboard LP DDR4 4G RAM
- onboard eMMC 32G memory (up to 128GB); 1x TF card slot (up to 64GB)
- 1x WAN, 4x GbE ports; 5x USB2.0, 1x USB3.0
- 1x HDMI
- 1x Mini-PCIE, support 5G module; 1x SATA
- Built-in WIFI & BT module
- 4x COM; 1x SIM/TF; 1x CONSOLE
- 2x 12PIN Phoenix terminal
- DC\_12V Power Input

### Specification :

<b>Model No.</b>	<b>CK35H(CK35-L5) VER:1.0</b>
<b>Processor</b>	CPU Rockchip RK3568B2 Quad-core Cortex-A55 up to 2.0GHz
<b>Chipset</b>	Based on RK3568B2 SOC platform
<b>Memory</b>	Onboard LPDDR4 4G memory (2G/8G optional)
<b>Display</b>	Integrated ARM Mali-G52 GPU, support OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 1x HDMI
<b>Network</b>	1x WAN, 4x LAN(48V POE) 1x WIFI (Dual-band)/Bluetooth module (reserved)
<b>Storage</b>	1x eMMC memory chip 32G 1x TF Card slot
<b>Audio</b>	Line-out, MICK supports 2 Ω 5W dual-channel
<b>Expansion slots</b>	1x mini PCIe (Internal USB3.0 signal, can support 5G); 1x SATA
<b>Backplane I/O interface</b>	2x 12PIN Phoenix terminal (4*DI/4*DO/4*RS232, can be used as 4*RS485 or 2*RS422+2*RS232, overall jumper switch) 1x CONSOLE 2x USB2.0 1x SIM/TF 1x Line-out (Green) 1x MICK (Red) 1x Power indicator light (upper red and lower green) 1x Burn key
<b>Front panel I/O interface</b>	1x DC 9-36V input (Threaded and non-threaded LAYOUT) 1x HDMI 1x USB2.0 (upper layer OTG), 1* USB3.0 1x RJ45 Gigabit (WAN port) 4x RJ45 Gigabit (LAN port), With 48V POE function
<b>Built in I/O interface</b>	1x mini PCIe (support 4G/5G) 1x SATA (high 12mm) 1x Front panel function button and indicator light interface, 2*5pin 2x USB2.0
<b>Power Type</b>	DC 9-36V input
<b>DIO</b>	Support 4 channels of DI and 4 channels of DO interfaces
<b>OS</b>	Android 11、Ubuntu 20.04、Debian 10、debian 11、debian 12.
<b>Working temperature</b>	-40℃~85℃
<b>Storage temperature</b>	-40℃~85℃
<b>Working Humidity</b>	5%-95% relative humidity, no condensation
<b>Dimension</b>	148mm x 141 x 25.1mm Universal C57 size and screw holes (6-layer board, screw hole specifications: Ø3.5mm x 4)



**Ordering info:**

NO.	Model	Core Board	Processor	Frequency	Memory	eMMC	SATA	HDMI	LVDS	eMMC	WIFI	LAN	WAN	USB	DIO	COM	Power
1	CK35H(CK35-L5) VER:1.0	CK35H	RK3568B2	2.0GHz	4G	32G	1	1	/	/	1	4	1	6	8	4	DC12V