

CK35H(CK33-HV)

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



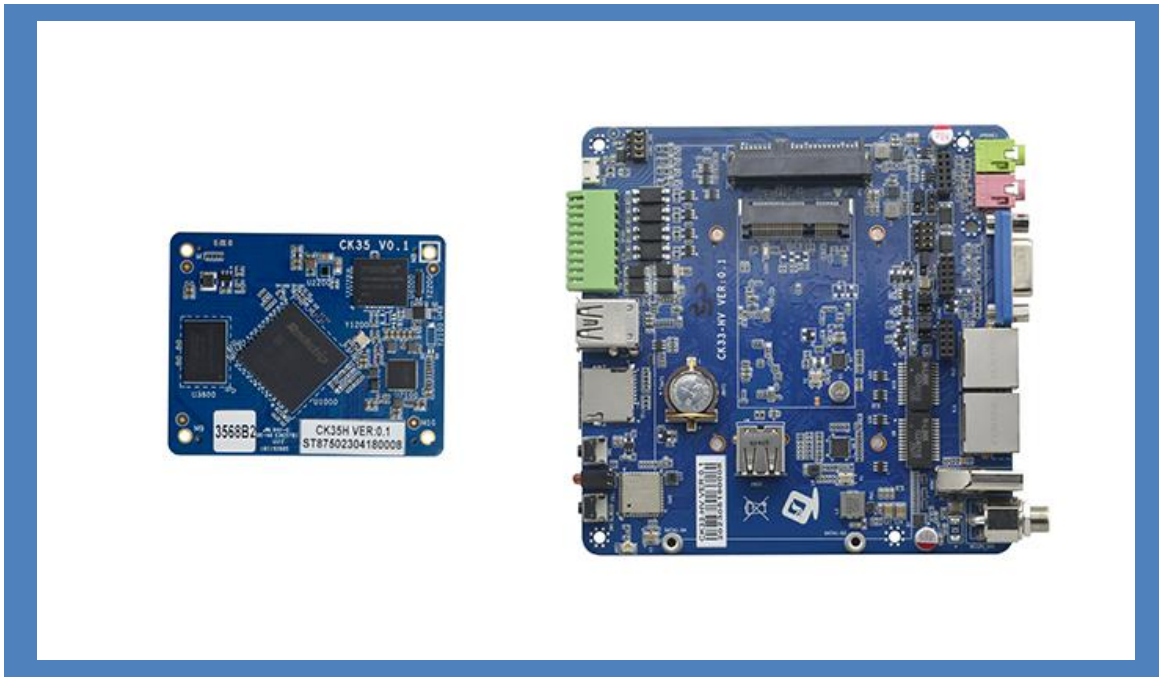
Main Features

- 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 128GB)
- 2x GbE ports, support WIFI&BT module ; 5x USB2.0, 1x USB3.0
- 1x VGA, 1xHDMI
- 1xMini-PCIE, support 3G/4G/5G module
- 4x COM; 1x SATA
- DC_12V Power Input

Specification :

Model No.	CK35H(CK33-HV) 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	1x VGA, 1xHDMI
Network	2x RTL8211F Lan Support WIFI&Bluetooth module
Storage	1x eMMC5.1 memory chip 32G 1x TF Card slot, up to 128G
Audio	Onboard Everest ES8316 Audio chip, support Line-out, MIC
Expansion slots	1x mini PCIe (Internal USB3.0 signal, can support 3G/4G/5G)
Backplane I/O interface	1x DC9~24V power input interface (maximum support 24V) 1x HDMI 2x RJ45 Gigabit network interface 1x VGA 1x Line-out (Green) 1x MICK (Red)
Front panel I/O interface	1x Power switch 1x Power/hard disk indicator light 1x Burning key 1x USB2.0 interface (upper), 1x USB3.0 interface (lower) 2x 10pin Phoenix terminals (4*DO upper/4*DI lower/VCC/GND/Power/COM3/COM4), among which COM3 and COM4 support RS232 and RS485, which are realized through jump caps 1x MicroUSB2.0 (OTG)
Built in I/O interface	1x USB2.0 interface (single-layer socket) 1x Hard drive power supply interface, 1x 4pin 1x SATA interface (elevated 2.5 inches) 1x Mini-PCIE interface (including USB3.0 interface) 1x COM1 interface, supports RS232 and RS485, realized through jump cap 1x COM2 interface, supports RS232 and RS485, realized through jump cap 1x USB2.0 (implemented by external small board) 1x DC 9~24V power interface 1*4pin
Power Type	DC 12V input
DIO	Support 4-way DI, 4-way DO
Watchdog	Support hardware reset function (level 256, 0~255 seconds)
OS	Android 11、Ubuntu 20.04、Debian 10、debian 11、debian 12.
Working temperature	0℃~60℃
Storage temperature	-20℃~70℃

Working Humidity	5%-95% relative humidity, no condensation
Dimension	120mm x 120mm, plate thickness 1.6mm
PCB	6 layer board
Screw hole specifications	Ø3.2mm x 4



Ordering info:

NO.	Model	Core Board	Processor	Frequency	Memory	eMMC	VGA	HDMI	LVDS	EDP	LAN	USB	COM	DIO	Power
1	CK35H(CK33-HV) VER:1.0	CK35H	RK3568B2	2.0GHz	4G	32G	1	1	/	/	2	4	4	8	DC12V