

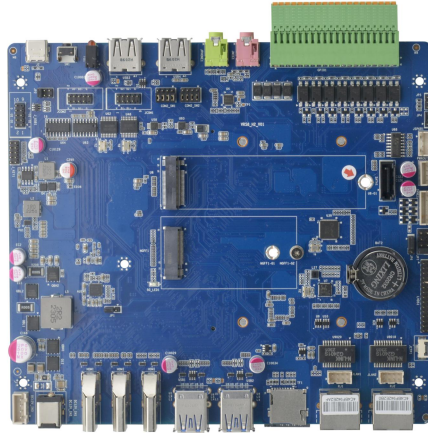


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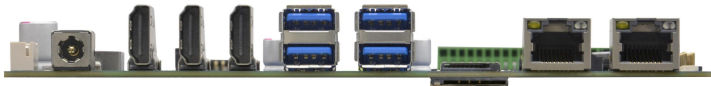
VR58-H2 VER: 0.1



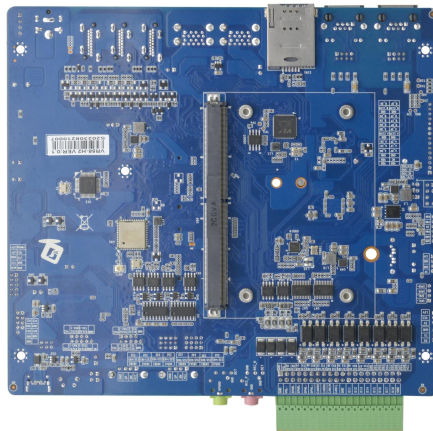
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Model No.	VR58-H2 VER:0.1
Display	2 * HDMI-OUT、1*HDMI-IN、1*LVDS
Ethernet	2 * RTL8211F Gigabit network card chip 1 * WIFI/BT moudle
Memory	Onboard LPDDR4 4GB(2GB/8GB/16GB optional) memory, is up to 32GB
Storage	1* eMMC Storage chip 32G(16GB/64GB/128G optional)
Audio	PMIC power management chip RK809-5 comes with a built-in sound card, supports Line-out, MICK, Amplifier
Expansion Slots	1 * M.2,supports 4G/5G moudle、1* M. 2 M Key connected to accelerator stick/hard drive、1*MXM connect the core board and SATA hard disk interface
Rear I/O interface	1 * DC (9-36V) 2 * HDMI-OUT 1 * HDMI-IN 4 * USB3.0 1 * SIM/TF card 2 * RJ45 Gigabit network interface
Front I/O interface	1 * OTG 1 *Burn key 1 * Indicator light (red above/green below) 2 * USB2.0 1 * Line-OUT 1 * Mic 2 * 20PIN Phoenix terminal (DC12V/8*DO/8*DI/CAN1/CAN2/1*SPK/volume +/-4*RS232/4*RS485, 4* RS232 and RS485 are converted through jumper conversion)
Built in I/O	1* DC9-36V power supply (1*4pin) 2* USB2.0, 2*5Pin 1* SATA 1*Hard disk power interface,1*4pin 1* LVDS, 2*15pin,Supports dual channels 24bit 1* Screen backlight power supply interface,1*6pin 2* Power amplifier interface (2 ohms and 5W), 1*4pin 1* Front panel function buttons and indicator light interfaces, 2*5pin 1* Touch interface (I2C) 1*6pin, 0.6mm spacing

	2* Gigabit network interface (with RJ45 optional) , Can be used for external POE modules
Power Type	DC input voltage 9-36V
GPIO	Supports 8-way input and 8-way output DIO interfaces
OS	Android 12, Ubuntu 20.04(Used in conjunction with VR58 core board)
Operation Temperature	-10℃~60℃
Storage Temperature	-20℃~70℃
Working Humidity	5%-95%(Relative humidity, non condensing)
Dimension	176 * 159 *1.6mm (6-layer board,screw hole specifications:Ø3.2mm x 4)

Order Information

NO.	Model	Processor	Frequency	Memory	eMMC	HDMI-OUT	HDMI-IN	LVDS	EDP	WIFI	LAN	USB	COM	Power
1	VR58-H2 VER:0.1	/	/	/	/	2	1	1	/	1	2	8	6	DC9-36V

Structural dimension diagram

