

Rock Pi 4 Model B 4GB - Basic Performance Set



EAN CODE



Rock Pi 4 Model B 4GB (mit Dualband 2,4/5GHz WLAN/Bluetooth 5.0)

Rockchip RK3399Processor64bithexacoreprocessor

Dual Cortex-A72, frequency 1.8Ghz with quad Cortex-A53, frequency 1.4Ghz

GPU

Mali T860MP4 gpu, supports OpenGL ES 1.1 /2.0 /3.0 /3.1 /3.2, Vulkan 1.0, Open CL 1.1 1.2, DX11.

Memory LPDDR4

64bit dual channel LPDDR4@3200Mb/s, 1GB

Storage eMMCmodule

Optional industrial compatible high performance eMMC module, 8G/16G/32G/64G/128G available

Micro SD card

uSD slot supports up to 128G uSD card

M.2 SSD

M.2 connector supports up to 2T M.2 NVME SSD

Display HDMI

HDMI 2.0 up to 4k@60

Peripherie

MIPI DSI 2 lanes via FPC connector

HDMI and MIPI DSI can work at the same time, support mirror mode or extend mode.

Audio 3.5mm jack with mic

HD codec that supports up to 24-bit/96kHz audio.

Camera MIPI CSI

MIPI CSI 2 lanes via FPC connector, support up to 800MP camera

USB 3.0 OTG x1

hardware switch for host/device switch, upper one

USB 3.0 HOST x1

dedicated USB3.0 channel, lower one

USB 2.0 HOST x2

Ethernet GbE

Network

Wireless 802.11 ac wifi 2,4/5GHz

Bluetooth 5.0

LAN

GbE LAN with PoE support

additional HAT is required for powering from PoE

IO 40-pinexpansionheader :

- 1 x UART
- 2 x SPI bus
- 2 x I2C bus
- 1 x PCM/I2S
- 1 x SPDIF

- 1 x PWM
- 1 x ADC
- 6 x GPIO
- 2 x 5V DC power in
- 2 x 3.3V power pin

Others

RTC battery connector for time backup(optional)

Power USB PD

Support USB Type C PD 2.0, 9V/2A, 12V/2A, 15V/2A, 20V/2A

Power Supply Qualcomm® Quick Charge™

Support QC3.0/2.0 adapter, 9V/2A, 12V/1.5A

Size 85mm x 54mm



Zubehör

Art.-Nr.	Name
158775	Rock Pi 4 zbh. M.2 Extend board
158776	Rock Pi 4 zbh. EMMC 5.1 16GB passt auch für ODroid, Raspberry (mSD Adapter) etc.
158777	Rock Pi 4 zbh. EMMC 5.1 32GB passt auch für ODroid, Raspberry (mSD Adapter) etc.
158778	Rock Pi 4 zbh. EMMC 5.1 64GB passt auch für ODroid, Raspberry (mSD Adapter) etc.
158779	Rock Pi 4 zbh. EMMC 5.1 128GB passt auch für ODroid, Raspberry etc.
158780	Rock Pi 4 zbh. eMMC to Micro-SD
158782	Rock Pi 4 zbh. RTC Battery

Art.-Nr.	Name
158878	Rock Pi 4 zbh. USB auf TTL
159571	Rock Pi 4 zbh. Heatsink Kühler Kühlkörper
161499	Rock Pi 4 zbh. PoE Hat / Shield kompatibel zu Raspberry 3B+
162798	Rock Pi Adapter MicroSD - MicroSD Verlängerung Kabel
162899	Rock Pi Adapter SD Karte - MicroSD Verlängerung Kabel
166412	Rock Pi 4 zbh. Proto Hat / Shield
158950	Rock Pi 4 zbh. USB 2.0 Male Type A to C 3A 1,5m