

ALLNET Rock Pi 4 Model B OP1 2GB/16GB mit Dualband 2.4/5GHz WLAN/Bluetooth 5.0 internal



Rockchip OP1 ,64bit hexa core ,based SBCSmall form-factor - rich feature set - outstanding design and performance.Rock Pi 4 is the perfect choice for your personal or business oriented projects.Rock Pi 4B+ product detailsOP1 ,64bit ,hexa ,core ,processorDual Cortex-A72 (up to 2.0Ghz) plus quad Cortex-A53 (up to 1.5Ghz) Harvard Superscalar processor coresGPU ,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 - 2GB or 4GBSPI Flash4MB SPI flash soldered - NVMe booting from SPI supportedWifi/BT AntennaWifi/BT with external antenna support**an uFL connector must be soldered on the board - which will then disable the on board antenna. Connector and soldering service available in the store!Onboard ,eMMC ,moduleIndustrial level high performance eMMC storage - 16G/32G/64G/128G availableMicro ,SD ,carduSD ,slot supports up to 128G uSD cardM.2 SSDM.2 connector supports up to 2T M.2 NVME SSDnote: M.2 extension board plus heat-sink is recommended for proper mounting on Rock Pi 4 "+"Display ,HDMIHDMI ,2.0 up to 4k@60PeripherieMIPI ,DSI 2 lanes via FPC connectorHDMI ,and MIPI DSI can work at the same time - support mirror mode or extend mode.Audio 3.5mm jack with mic with improved mechanicsHD codec that supports up to 24-bit/96kHz audio.Camera MIPI CSIMIPI ,CSI 2 lanes via FPC connector - support up to 8MP cameraUSB 3.0&nb

Gruppe	Zubehör Leiterplatten / Entwicklungskits
Hersteller	ALLNET
Hersteller Art. Nr.	RS114B+D2E16
EAN/UPC	4038816206084

Beschreibung

ALLNET Rock Pi 4+ Model B OP1 2GB/16GB (mit Dualband 2,4/5GHz WLAN/Bluetooth 5.0) internal Antenna, Rockchip OP1 ,64bit hexa core ,based SBCSmall form-factor, rich feature set, outstanding design and performance.Rock Pi 4+ is the perfect choice for your personal or business oriented projects.Rock Pi 4B+ product detailsOP1 ,64bit ,hexa ,core ,processorDual Cortex-A72 (up to 2.0Ghz) plus quad Cortex-A53 (up to 1.5Ghz) Harvard Superscalar processor coresGPU ,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, 2GB or 4GBSPI Flashnicht im Lieferumfang!Wifi/BT AntennaWifi/BT with external antenna support**an uFL connector must be soldered on the board, which will then disable the on board antenna. Connector and soldering service available in the store!Onboard ,eMMC ,moduleIndustrial level high performance eMMC storage, 16G/32G/64G/128G availableMicro ,SD ,carduSD ,slot supports up to 128G uSD cardM.2 SSDM.2 connector supports up to 2T M.2 NVME SSDnote: M.2 extension board plus heat-sink is recommended for proper mounting on Rock Pi 4 "+"Display ,HDMIHDMI ,2.0 up to 4k@60PeripherieMIPI ,DSI 2 lanes via FPC connectorHDMI ,and MIPI DSI can work at the same time, support mirror mode or extend mode.Audio 3.5mm jack with mic with improved mechanicsHD codec that supports up to 24-bit/96kHz audio.Camera MIPI CSIMIPI ,CSI 2 lanes via FPC connector, support up to 8MP cameraUSB 3.0 ,OTG ,x1hardware ,switch for host/device switch, upper oneUSB 3.0 HOST x1dedicated ,USB3.0 channel, lower oneUSB 2.0 HOST x2Ethernet GbENetworkWireless ,802.11 ac wifi ,2,4/5GHzBluetooth 5.0LANGbE ,LAN with PoE supportadditional HAT is required for powering via PoEIO 40-pin ,expansion ,header ,:- 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 pinOthersRTC battery connector for time backupPower USB PDSupport USB Type C PD 2.0, 9V/2A, 12V/2APower Supply Qualcomm® Quick Charge™Support QC3.0/2.0 adapter, 9V/2A, 12V/1.5ASize ,85mm x 54mmEssentials You NeedROCK PI 4 Model A or Model B / B+ / OP1PD/QC compliant power adapter with USB-C port equal or larger than 15WKeyboard &, MouseMonitor with HDMI inputHeat Sink ,optional M.2 extension board _____ Additional information &, Setup instructions<https://wiki.radxa.com/Rockpi4>_____

Ausführliche Details

Allgemeines

Typ Sonstiges Leiterplattenzubehör