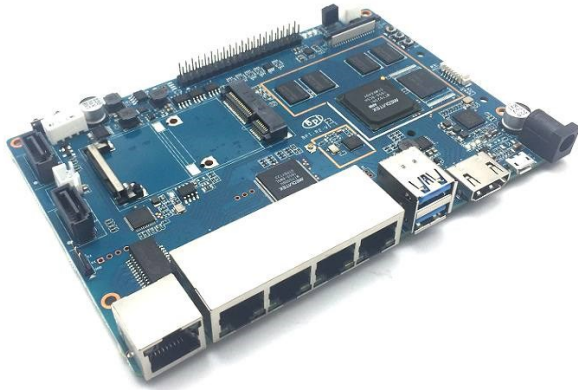




Banana Pi BPI-R2



The Banana Pi BPI-R2 is a high performance multimedia network router and can be used for highest wireless performance, home-entertainment and home-automation.

The BPI-R2 supports operating systems like Android, Debian, Ubuntu and Bananian and is equipped with a powerful Quad-Core ARM Cortex-A7 processor.

Technical Specification

Model	BananaPi-R2
CPU	MediaTek MT7623N, Quad-Core ARM Cortex-A7 (bis zu 1.3 GHz)
GPU	Mali 450 MP4 GPU
RAM	2GB DDR3 SDRAM
Storage	MicroSD card, SATA 6GB/s, eMMC
Interfaces	Mini PCIE, SATA
Network	5x 10/100/1000 MB/s Ethernet (MT7530), WiFi 802.11 a/b/g/n 2.4 GHz / 5 GHz (MT6625L), Bluetooth 4.1 BLE (MTK6625L Chip)
Video Input	CSI (für Video Cameras)
Video Output	HDMI
Audio Output	HDMI, I2S Audio
Audio Input	On-Board Mikrofon
USB	2x USB 3.0, 1x USB 2.0 OTG
PCIE	1x PCIE Interface, 1x PCIE PIN Define Interface
GPIO	40 Pin Header, 28x GPIO (einige können für besondere Funktionen wie UART, I2C, SPI, PWM, & I2S genutzt werden)
Video Decoder	Multi-Format FHD Video Decoding (Mpeg 1/2, Mpeg4, H.263, H.264, H.264 high profile 1080p@60FPS, HEVC/H.265 1080p@60FPS)
Video Encoder	VP8 encoder: 1080p@30FPS, H.264 encoder: high profile 1080p@30FPS
Power Supply	12V / 2A
Operating System	Android, Ubuntu, Debian, Bananian
Dimensions	148 mm x 100.5mm
Weight	100g
EAN	425023681559

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