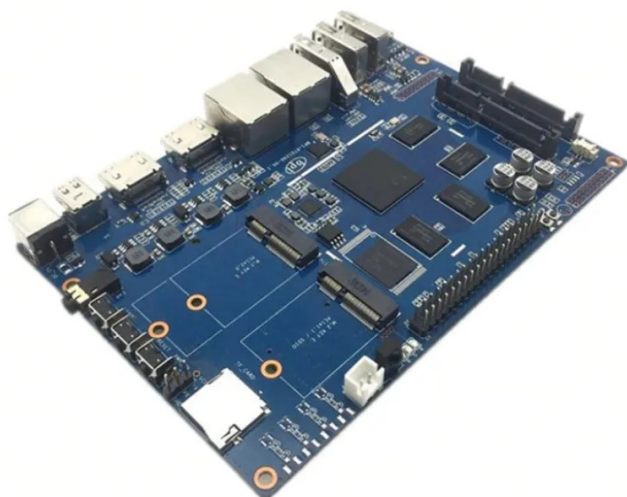


Item no.: 330997

BANANA PI BPI-W2 - Banana Pi BPI W2 - smart NAS router, RTD1296 chip design

87,26 EUR

Item no.: 330997
shipping weight: 0.10 kg
Manufacturer: BPI



Product Description

Banana Pi BPI W2 - smart NAS router, RTD1296 chip design

Banana Pi BPI-W2 is a highly integrated multimedia network router with RTD1296 chip design, it can be used for powerful wireless networks, home entertainment, home automation, etc.

BPI-R2 is equipped with a Quad-Core ARM Cortex-A53 MP Core with up to 1.5 GHz. The router also has a variety of interfaces such as HDMI RX/TX, Mini DP, PCIe 2.0, PCIe 1.1 and SDIO, M.2 interface, USB 2.0, USB 3.0 port, SATA port and 2 Gbps Gigabit Ethernet port. It also supports 802.11ac/n WLAN connections via a PCIe port. BPI-W2 can run Android 6.0 without any problems. It can also be used with OpenWrt, Debian, Linux, Ubuntu Linux, Raspbian and other operating systems. The Banana Pi BPI-W2 is the same size as the BPI-R2. It can easily run games and supports 1080p HD video output. The GPIO is compatible with Raspberry Pi 3.

- SoC: RealTek RTD1296, Quad-Core ARM A53
- GPU: Mali T820 MP3
- SDRAM: 2 GB DDR4 (shared with GPU)
- Power: 12 V at 2 A, DC (5 mm x 2 mm jack)
- Low-level peripherals: 40 Pins Header, 28x GPIO, some of which can be used for specific functions including UART, I2C, SPI, PWM, I2S
- Onboard Network: 2x 10/100/1000 Mbps Ethernet
- WiFi/Bluetooth: Not supported
- RGMII: 1x RGMII interface with PIN
- Onboard storage: MicroSD (TF) card, 2x native SATA 3.0 6 Gbps, eMMC, SIM card slot
- Display: HDMI (Type A) output with HDCP 1.4, resolutions up 1920 x 1200; MIPI Display
- Video Decoder/Encoder: manipulation, decoding and encoding of video streams in various formats, e.g. decoding in 4K2K H.265, Full-HD MPEG 1/ 2/ 4/ H.264/ H.264 MVC, AVC/ VC-1, VP8, AVS, AVS Plus, HD-Jpeg etc. Decoding and encoding can run simultaneously. Supports 3D deinterlacing, video scaling up to 4K2K and so on.
- Audio decoding: Decodes in various formats, e.g. DTS HD, Dolby Digital Plus, TrueHD etc., audio post-processing
- Audio outputs: HDMI and headphones, In/Out with PIN setting, 2x MIC, I2S audio
- HDMI: 1x HDMI 2.0a (Out), 1x HDMI 2.0a (In)
- Interfaces: 1x PCIe 2.0 interface, 1x PCIe 1.1 SDIO; 1x USB 3.0 host; 2x USB 2.0 OTG (1x standard, 1x PIN defined); 1x M.2 interface; USB 2.0 for 4G with micro SIM card slot; 1x Mini-DP; TYPE C interface; RTC battery interface
- Buttons: reset button, power button, U-boot button
- LEDs: Red, green, blue
- Other: IR receiver
- Size: 148 mm x 100.5 mm
- Weight: 100 g

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

