

Item no.: 384145

## BPI-P2 PRO (WITHOUT POE MODULE) - - Banana Pi -P2 PRO (without POE module)

from **29,24 EUR**

Item no.: 384145  
shipping weight: 0.10 kg  
Manufacturer: BPI



### Product Description

IntroductionBanana Pi BPI-P2 pro?Armsom Pro? is a development board based on the RK3308B-S chip. With a powerful 4-core ARM Cortex-A35 processor, 512M RAM(16bit DDR2/DDR3/DDR3L/LPDDR2). and 8G eMMC onboard, supports PoE function.The chip has a wealth of interfaces, such as I2S,PCM,TDM, I2C,UART,SPDIF,HDMI ARC, etc., to meet the application of various products. The RK3308 has a comprehensive voice interface, a dedicated eight ADC interface, a multi-channel I2S interface and a multi-channel PDM interface. This not only provides customers with a wealth of interface options, but also can reduce the difficulty of hardware design and the cost of hardware design of products.Banana Pi BPI-P2 Pro has 512MB DDR3 memory, operating system and memory can use SD card or emmc. BPI-P2 Pro is available as onboard memory version with 1Gb/2Gb/4Gb/8Gb NAND flash.Application area- Maker DIY- IoT Intelligent Internet of Things- Intelligent Voice Recognition- Human Machine Interface- Industrial Control- Intelligent RobotKey features- CPU: 64-bit quad-core Arm Cortex-A35 Rockchip RK3308B-S- 512 DDR3 SDRAM- 8G eMMC flash on board- WiFi&BT: 802.11 a/b/g/n/ac & BT5.0 (AP6256)- 40 PIN GPIO, including UART, SPI, I2C, IO etc. - 100M LAN- Support IEEE 802.3af PoE standard for PoE modules- Audio: Supports numerous audio interfaces, such as MIC/PDM/SPDIF/I2SHardware specifications- SOC: RockChip RK3308B-S - CPU: Quad-Core ARM Cortex-A35 - GPU: none - ROM: 512MB - RAM: 8GB eMMC - TF card: TF card (Max 64GB) - Network: 100M LAN - PoE power: PoE function supported, output voltage 5V, output power 10W - Wi-Fi: AP6256 - Audio output: With built-in audio CODEC, including ADCx8 and DACx2 - Power source: TYPE C 5V/2A or PoE power - USB 1xUSB 2.0; - 1xType-C- Others: Fan?RTC?LED?debug - Power button?Reset button?Recovery button?Root button - Low-level peripheral 40 pin + 12 pin - uart: GPIO\((1x3) pin UART, ground - LED: Power led & Status led - Product size: 65mm X 52.5mm - Weight: 30g

### Specifications

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

