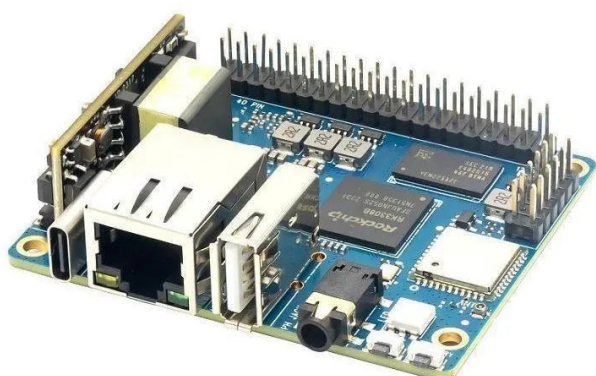**Item no.:** 384144

BPI-P2 PRO (WITH POE MODULE WELDED) - Banana Pi -P2 PRO (with POE module welded)

from **34,85 EUR**

Item no.: 384144
shipping weight: 0.10 kg
Manufacturer: BPI

📄 Product Description

Banana Pi BPI-P2 pro?Armsom Pro? is a development board based on RK3308B-S chip. With a high-performance 4-core ARM Cortex-A35 processor, 512M RAM(16bit DDR2/DDR3/DDR3L/LPDDR2). and 8G eMMC onboard ,support 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 different products. RK3308 has a rich voice interface, its own eight ADC interface, multi-channel I2S and multi-channel PDM interface. This not only provides customers with a wealth of interface choices, but also can reduce the hardware design difficulty and hardware design cost of products.Banana Pi BPI-P2 Pro has 512MB DDR3 memory size, operating system and storage can use SD card or emmc. BPI-P2 Pro is available as an onboard storage version with 1Gb/2Gb/4Gb/8Gb NAND flashApplication direction- Maker DIY- IoT Smart Internet of Things- Intelligent speech recognition,- Man-machine interface,- Industrial control,- Intelligent robot.Key Features:- CPU: 64bits Quad-core Arm Cortex-A35 Rockchip RK3308- 512 DDR3 SDRAM- 8G eMMC flash onboard- WiFi (AP6256) & BT onboard- 40 PIN GPIO,It includes UART, SPI, I2C, IO etc- 100M LAN- IEEE 802.3af PoE standard PoE module support Banana Pi BPI-P2 pro- 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 support?Output Voltage 5V, Output Power 10W- WiFi AP6256- Audio Output With built-in audio CODEC, including ADC×8 and DAC×2- Power Source TYPE C 5V/2A or PoE power- USB 1xUSB 2.0 1xType-C- Others Fan?RTC?LED?debug- Button Power Button?Reset Button? Recovery Button?Root Button- Low-level peripherals 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
view the product
All details, up-to-date
prices and availability