

Item no.: 384136

BPI-M4 BERRY - Banana Pi -M4 Berry

from **40,14 EUR**

Item no.: 384136
shipping weight: 0.10 kg
Manufacturer: BPI



Product Description

The Banana Pi BPI-M4 Berry development board is a powerful Single Board Computer (SBC) that utilises the capabilities of the Allwinner H618 System-on-Chip (SoC) to provide developers with impressive performance and a wealth of features. Similar to the Raspberry Pi 4b, the BPI-M4 Berry has comparable CPU performance, LPDDR4 memory support, integrated WLAN and Bluetooth capabilities and a familiar 40-pin header layout, as well as 4 USB interfaces and a GbE RJ45 port. It is characterised by its robust performance, versatile features and remarkable image processing capabilities and is an exemplary SBC development platform for professionals in the embedded and computing industry. Equipped with 8 GB eMMC flash memory, powerful decoding and encoding capabilities and a range of interface options, it covers a wide range of application areas including media processing, IoT and entertainment. Whether for beginners or experienced developers, the BPI-M4 Berry development board provides an ideal toolset for realising creative visions and project goals. Hardware specification of Banana pi BPI-M4 Berry- CPU Allwinner H618, Quad-Core ARM Cortex™-A53 processor, 64-bit, up to 1.5 GHz- GPU ARM Mali G31 GPU- Memory 2 GB LPDDR4- Memory 8G eMMC Flash- SD card MicroSD card slot- Wireless 2.4G/5G WiFi and Bluetooth 4.2- Ethernet 1x GbE Ethernet port (supports PoE with additional PoE HAT)- HDMI 1x HDMI 2.0a in full size (up to 4K@60Hz with HDR10, CEC, DDC, SCDC), HDMI digital audio output- Audio 1x 3.5 mm audio and TVE socket- IR 1x CIR- USB 4x USB2.0 Type-A HOST, 1x USB2.0 type-C OTG- GPIO 40-pin header, 28-pin GPIO and power supply (+5 V, +3.3 V and GND)- UART, SPI, TWI/I²C, PWM, PCM/I²S- Reset, FEL and user buttons- LED power status and activity status- Power supply 5 V at 3 A via USB type C- Size 85 x 56 mm- Weight 60 g

Specifications

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

