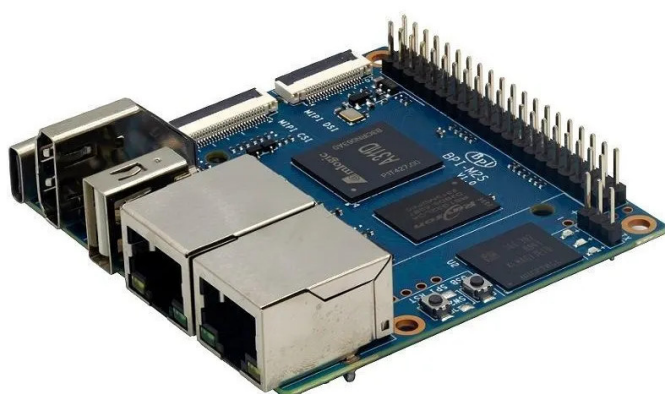**Item no.:** BPI-M2S-A311D

BPI-M2S (AMLOGIC A311D) - BPI-M2S with Amlogic A311D, 2x Gigabit ports, 4GB RAM, 16GB eMMC

from **94,52 EUR**

Item no.: BPI-M2S-A311D
shipping weight: 0.20 kg
Manufacturer: BPI

📄 Product Description

BananaPi BPI-M2S new design with Amlogic A311D Quad core ARM Cortex-A73 and dual core ARM Cortex-A53 CPU, ARM G52 MP4 (6EE) GPU, NPU for AI at 5.0 TOPS, supports camera and MIPI-CSI interface, HDMI output, 2x Gigabit ports, 4G RAM and 16 GB eMMC Flash.

Banana Pi BPI-M2S uses an Amlogic A311D 12nm low power, high performance processor suitable for computing, personal mobile Internet devices and other smart device applications. It is based on the Big/Little architecture and integrates the dual-core Cortex-A73 and quad-core Cortex-A53 with an example 5.0T NPU processor. The A311D motherboard program using the chip, compared with the common four-core program in the market, has a qualitative leap in performance, can play various formats of HD video HDMI can output 4K*2K/60 frames of video, can deal with complex interactive operations such as deep learning.

BPI-M2S same size as Banana Pi BPI-M2+ and Banana Pi BPI-M2 Pro.

- Amlogic A311D Quad core ARM Cortex-A73 and dual core ARM Cortex-A53 CPU, ARM G52 MP4 (6EE) GPU
- NPU for AI: Next generation, deep-neural-network applications, at 5.0 TOPS
- 4 GB LPDDR4 RAM
- 16 GB eMMC Flash (max. 128 G)
- Supports MIPI DSI camera interface
- Supports MIPI CSI screen interface
- 2x Gigabit ports
- HDMI output
- 40 PIN GPIO
- Supports Android and Linux systems
- Supports PoE module and WiFi&BT module onboard

📄 Specifications

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