Banana Pi Board BPi-M2 Berry Quadcore CPU / Raspberry Pi3 Größe

EAN CODE

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Banana PI BPI-M2 Berry is the open source hardware platform, Banana PI BPI-M2 Berry is a quad-core cortex -A7 CPU ,use Allwinner R40 design, it support WIFI+BT on board.and support SATA interface on board.

Banana Pi BPI-M2 Berry series run Android, Debian linux, Ubuntu linux,Raspbian system and other OS.

Banana PI PBI-M2 Berry hardware: Quad Core ARM Cortex A7,ARMv7 CPU, 2GB DDR3 SDRAM, all size is same as raspberry pi 3. note ,BPI-M2 Berry not onboard eMMC flash support.

Banana PI BPI-M2 Berry with Gigabit Ethernet port, It can run Android smoothly. The size of Banana PI BPI-M2 Berry same as Banana Pi BPI-M64, support 1080P video, the 40 pin GPIO header is pin-compatible with Raspberry Pi.

The new BPI-M2 Berry is a tiny little computer with great big ambitions. The expandable single-board device runs either Linux or Android and features impressive specs that outshine comparable products by a substantial margin. Highlights include a quad-core ARMv7 processor, a Mali 400 MP2 GPU, and support for 1080P ultra high-definition video.

More specs follow below.

1. Quad Core ARM Cortex A7 CPU
2. Dual core Mali 400 MP2 GPU
3. 1G DDR3 SDRAM
4. support SATA interface
5. MicroSD slot supports up to 256GB expansion
6. Not 8G eMMC flash onboard
7. CSI camera intface and DSI display interface support
8. 10/100/1000 Mb Ethernet port
9. (4) USB 2.0 hosts and (1) USB otg port

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Irrtümer und Änderungen vorbehalten.
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10. 1080P high-definition video playback
11. HDMI port and multi-channel audio output
12. WIFI&Bluetooth 4.0 with 802.11BGN onboard
13. 3.5mm Stereo Output mini-jack with microphone support
14. Not support Built-in 3.7V Lithium Battery Charging Circuit
15. Hardware security enables trustzone security system, Digital Rights Management (DRM), information encryption/decryption, secure boot, secure JTAG and secure efuse

BPI-M2 Berry hardware interface:

BPI-M2 Berry interface.jpg750x754 74.3 KB

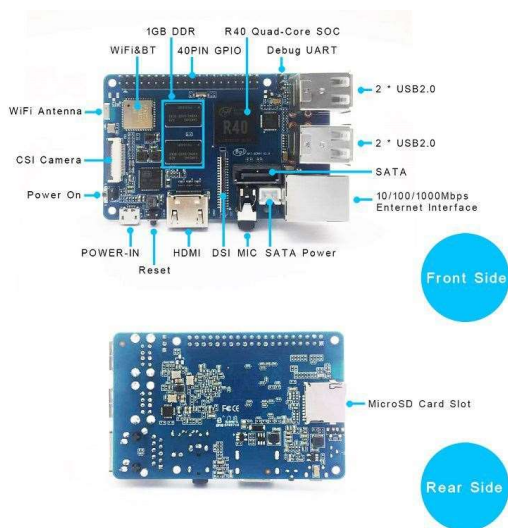BPI-M2 Berry hardwaer spec:

BPI-M2 Berry spec.jpg750x1004 80.7 KB

GPIO define:

BPI-M2 Berry is same size as raspberry pi 3 , so you can use raspberry pi box .

BPI-M2 Berry 11.JPG720x509 85.7 KB

Zubehör

Art.-Nr.	Name
127691	ALLNET USB Typ A -> DC Adapter 4 mm, Länge 1m, AWG19
114462	Patchkabel USB2.0, 1m, A(St)/MicroB(St), textil/schwarz, Synergy 21,
112980	\Flash SecureDigitalCard 16GB *SanDisk* microSDHC - UHS-I - Extreme Pro
114471	Patchkabel USB2.0, 2m, A(St)/MicroB(St), textil/schwarz, Synergy 21,
114371	Banana Pi zbh. Camera Module CSI OV5640 Chipset
113266	banana pi board Bluetooth-Adapter
102080	ALLNET Antennen-Pigtail U.FL auf R-SMA (f) 30cm

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Art.-Nr.	Name
21483	ALLNET Antenne 2,4 GHz 5dBi Omni indoor R-SMA
124149	Kühlkörper Alu (zwei Stück) mit Thermalkleber für Banana Pi, FriendlyElec, Lemaker
124543	//Banana Pi BPi-M2 zbh. Gehäuse transparent
124853	\banana pi M2 Starter Bundle
149549	ALLNET Antenne 2,4 GHz 2dBi Stummel Mini Omni indoor R-SMA schwarz

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