

BPI-M64 Resources

Resources

Source code

- BPI-M64 Android 7 source code
download link : <https://github.com/BPI-SINOVOIP/BPI-A64-Android7>
- BPI-M64 Android 6.0.1 source code
download link : https://drive.google.com/open?id=0B_YnvHgh2rwjdTRVRVFaSHd2cnc
- BPI-M64 (allwinner A64) Linux 4.4 source code
<https://github.com/BPI-SINOVOIP/BPI-M64-bsp-4.4>
Forum pthread: <http://forum.banana-pi.org/t/banana-pi-bpi-m64-allwinner-a64-linux-4-4-source-code-public-on-github/6706>
- BPI-M64 Linux kernel 3.4 BSP code:
github link : <https://github.com/BPI-SINOVOIP/BPI-M64-bsp>
- BPI-M64 Win10 IoT source code
<https://bananapi.gitbooks.io/bpi-m64/content/en/sourcecodeongithub.html>
- BPI-M64 Robot Operating System (ROS):
github: <https://github.com/techping/BPI-robot-1>
discuss on forum: <http://forum.banana-pi.org/t/discuss-robot-operating-system-ros-on-banana-pi/10967>

documents

- schematic diagram:
google
driver : <https://drive.google.com/file/d/0B4PAo2nW2KfnUE5tMGItNkZjMzg/view?usp=sharing>
baidu cloud : <http://pan.baidu.com/s/1kVRpcYb>
- DXF file google download
link : <https://drive.google.com/file/d/0B4PAo2nW2KfnajlEY0xsdjNxY3c/view?usp=sharing>
- Allwinner A64 chip
datasheet: <https://drive.google.com/file/d/0B4PAo2nW2KfnSW9lQnZ0d1RoVW8/view?usp=sharing>
- Allwinner A64 user's manual (720 pages): <https://drive.google.com/file/d/0B4PAo2nW2KfnNHk4dkFJZEdqYXc/view?usp=sharing>

- AXP803 Datasheet V1.0.pdf :<https://drive.google.com/file/d/1nRbP1T02KINZBbTJx4BHW5wVWvQPmDxC/view?usp=sharing>
- A64 chip linux-sunxi wiki:<http://linux-sunxi.org/A64>
- BPI-M64 linux-sunxi wiki: https://linux-sunxi.org/Banana_Pi_M64
- other document about allwinner A64 chip:<http://bundie.neterra.net:8080/a64/>
- battery interface spec : <https://drive.google.com/file/d/0B4PAo2nW2KfnSmVuVDhQc0NLdG8/view?usp=sharing>
- BPI-M64 quality guarantee

BPI-M64 BT Lab test :<https://bananapi.gitbooks.io/bpi-m64/content/en/bpi-m64bt40labtest.html>

BPI-M64 WIFI Lab test :<https://bananapi.gitbooks.io/bpi-m64/content/en/bpi-m264wifilabtest.html>

BPI-M64 Validation test : <https://bananapi.gitbooks.io/bpi-m64/content/en/bpi-m64validationtestreport.html>

CE FCC RoHS : <http://forum.banana-pi.org/t/bpi-m64-ce-fcc-rohs-certification/2747>

Amazon AWS Greengrass

Banana Pi BPI-M64 passed Amazon AWS Greengrass:<https://devices.amazonaws.com/detail/a3G0h0000000vPoEAK/Banana-Pi-BPI-M64>

Image Release

Android

[How to install the Android image](#)

- 2020-07-10 update, Android 7.1, base on kernel 3.10

[Download Android 7.1 image](#)

- 2018-10-24 update Android 6.0 & 7.0 & 8.1, based on kernel 3.10.

M64 Android 6.0 HDMI & LCD7

Features Map: http://wiki.banana-pi.org/M64_Image_Map#Android_6.0

HDMI Version Image Links :

Google Drive : https://drive.google.com/open?id=1Em7ZXVvbJI7wMXy_TM4VNwHo6Oa-vVBc

Baidu Drive : <https://pan.baidu.com/s/1ZginlvO3LVakqokIZAX1Xw>

LCD7 Version Image Links:

Google Drive : https://drive.google.com/open?id=1Tts1krZyzwz9mL90j1iITzVrJm6hh_J4

Baidu Drive : https://pan.baidu.com/s/1oKMx_MI5K1Jv7-qeS-NMsQ

M64 Android 7.0 HDMI & LCD7

Features Map:http://wiki.banana-pi.org/M64_Image_Map#Android_7.0

HDMI Version Image Links :

Google Drive : <https://drive.google.com/open?id=1mvKyK6KuPixs-jLD0FoclaV465bJ1Eig>

Baidu Drive : <https://pan.baidu.com/s/15b32TXdh6752c-GBnR-Zeg>

LCD7 Version Image Links:

Google Drive : <https://drive.google.com/open?id=16Ffc5xiZgD7JYgrMtCGaOYLCuZdQGcnY>

Baidu Drive : <https://pan.baidu.com/s/1a9RYKSTRhCO-UzFfloGCtQ>

- BPI-M64 Android 8.1 HDMI & LCD7

Features Map:http://wiki.banana-pi.org/M64_Image_Map#Android_8.1

HDMI Version Image Links :

Google Drive : <https://drive.google.com/open?id=1UBaH9CNbmC9-n3jGImrFIAPZ8aZhqMJz>

Baidu Drive : https://pan.baidu.com/s/1lz57HrqNHx6f_Q6nk0oZvA

LCD7 Version Image Links:

Google Drive : <https://drive.google.com/open?id=1wktuCcvolfozMFkLmugfZtGziHDj-1EM>

Baidu Drive : <https://pan.baidu.com/s/1MteYqyBp8LeECjcDteCTZQ>

- Forum
pthread: <http://forum.banana-pi.org/t/banana-pi-bpi-m64-new-images-android-6-0-7-0-8-1-release-2018-10-24/7107>
- 2018-9-17 update android 6.0

Features Map :http://wiki.banana-pi.org/M64_Image_Map#Android_6.0

HDMI Version Image Links :

Google Drive : <https://drive.google.com/open?id=19ExJ9Ztfy3UgK9NZ4SiaVZAMozgyCJI7>

Baidu Drive : https://pan.baidu.com/s/1s_ orgiEI7JU_hUgjn pd25w

LCD7 Version Image Links:

Google Drive : https://drive.google.com/open?id=1gWD_IT0P4NvdeqtK5I4MnJjwzsP7SXJc

Baidu Drive : <https://pan.baidu.com/s/1K0HYPiQe6nGvAS5bAAFHow>

Forum pthread : <http://forum.banana-pi.org/t/banana-pi-bpi-m64-new-images-release-2018-09-18/6796>

- 2018-08-17
update, android 8.1

This release is for banana pi M64 board which is based on Allwinner A64, We have two images release, Android 8.1 is based on kernel 4.9

BPI-M64 Android 8.1 Features Map:http://wiki.banana-pi.org/M64_Image_Map#Android_8.1

HDMI-LCD-Version:

Google Drive : <https://drive.google.com/open?id=11XjvTAbPw57R6H5KL27GVXry4xu18dVs>

Baidu Drive : <https://pan.baidu.com/s/1PQqJCUo6cY3wWxJ7rZrk-A>

Forum pthread:<http://forum.banana-pi.org/t/bananapi-bpi-m64-a64-new-image-android-8-1-ubuntu-release-2018-08-17/6531>

- 2018-05-20 update ,android 7.0

hdmi-Version and Lcd 5.0 version

baidu cloud : <https://pan.baidu.com/s/1O3PsI73WmFFvhxMmzEscIQ>

- 2017-05-11 update ,android 6.0

HDMI-Version

Google Drive:https://drive.google.com/open?id=0B_YnvHgh2rwjcf9USm1MWWtxSXC

Baidu Cloud:<https://pan.baidu.com/s/1bHWhIW>

MD5: f85281213b9c5b88008a487dd1b6963c

LCD-Version

Google Drive:https://drive.google.com/open?id=0B_YnvHgh2rwjdHpFbHJMQWtsbFk

Baidu Cloud:<https://pan.baidu.com/s/1kVJVPGV>

MD5:be27e4eced96d3de81d46e512fd978eb

forum pthread:<http://forum.banana-pi.org/t/bpi-m64-new-image-android-6-0-version-v3/3240/4>

Linux

[How to install BPI Linux Image](#)

- 2020-08-26 update, Ubuntu Mate 18.04, Ubuntu Server 16.04, Raspbian Stretch, base on kernel 4.4

[Download Image](#)

- 2020-04-21 update, Rasbian Stretch, Ubuntu 16.06 Mate Desktop, Ubuntu 16.06 Server and

Ubuntu
18.04
Mate
Desktop,
base on
kernel 4.4

google drive:https://drive.google.com/drive/folders/0B_YnvHgh2rwja3I4SIIZN2VkYm8
baidu cloud:https://pan.baidu.com/s/18XH8_uusUGBusbp4xw4txQ Pincode : 36R0

Ubuntu

- 2018-11-02 update, based on kernel 3.10 & kernel 4.4.

BPI-M64 Ubuntu 16.04 Desktop

Features Map: http://wiki.banana-pi.org/M64_Image_Map#Ubuntu_Desktop_16.04

Google Drive : <https://drive.google.com/file/d/1YzdkY8i-IsXzXLkbPCPNbAuhYbHmUwgv/view>

Baidu Drive : <https://pan.baidu.com/s/1XhOJBQtPkhvidjgipFNdzg>
md5sum : 3564f0d3de9936aa26b93eaf027703a0

BPI-M64 Ubuntu 16.04 AARCH64 Kernel 3.10

Features Map : http://wiki.banana-pi.org/M64_Image_Map#Ubuntu_Desktop_aarch64_16.04

Google Drive : <https://drive.google.com/file/d/1MglySZLvquRPu1Wj8oLwdKBkFnRzLUL-/view>

Baidu Drive : https://pan.baidu.com/s/1_ZTDCuL9QZf6qrqaE4gbgQ
md5sum : 7422e02daa01bff6de808490e89b436e

BPI-M64 Ubuntu 16.04 AARCH64 Kernel 4.4

features Map:http://wiki.banana-pi.org/M64_Image_Map#Kernel_4.4.89

Google Drive : https://drive.google.com/file/d/1g_m1NLn1-wUQ8jjPKEAwQcSj4d4P9vRP/view

Baidu Drive : https://pan.baidu.com/s/1JmKQGRKvJ9DwL_ij0K79FA
md5sum : ea9bba6ab7fc78f7b8478bfd013a9b50

forum pthread: <http://forum.banana-pi.org/t/banana-pi-bpi-m64-new-images-ubuntu16-04-desktop-aarch64-release-2018-11-1/7159/1>

Debian 9.5 AARCH64 Kernel 3.10

Features Map: http://wiki.banana-pi.org/M64_Image_Map#Debian_9.5_AARCH64

Image Links: Google Drive : Coming soon

Baidu Drive: <https://pan.baidu.com/s/1DJd7CGAT0NijKfOBq9J4Q>
md5sum: 71fe25c1922c7f9ef81bb88e0f544de6

image name:2018-04-17-ubuntu-16.04-mate-desktop-demo3-k4.4.89-vdpau-3-mic-docker-
bpi-r18-avs-aarch64-sd-emmc.img.zip

Google Drive: <https://drive.google.com/open?id=1dlfo9LGNcrc-cpKd1uJnrNx0PdonBnK>

MD5: 4b7e163d260e58a39ba8905e7ed39943

Forum pthread:<http://forum.banana-pi.org/t/bpi-r18-avs-new-image-ubuntu-16-04-4-with-linux-kernel-4-4-89-2018-4-17/5435>

Features Map : http://wiki.banana-pi.org/M64_Image_Map#Ubuntu_Desktop_16.04

Google Drive :

Baidu Drive : <https://pan.baidu.com/s/1wANJ4SwfNwKtBcd02WcbWA>

forum pthread : <http://forum.banana-pi.org/t/banana-pi-bpi-m64-new-images-release-2018-09-18/6796>

Google Drive : <https://drive.google.com/open?id=1K-B4u8jGcv17s3l9v-Pr0xv5u5txvfok>

Baidu Drive : https://pan.baidu.com/s/1HcrR8NsL9_1RwbZNa7uwmq

Forum pthread:<http://forum.banana-pi.org/t/bananapi-bpi-m64-a64-new-image-android-8-1-ubuntu-release-2018-08-17/6531>

Google

Drive: https://drive.google.com/file/d/0B_YnvHgh2rwjN1h1U0xDYUxET00/view?usp=sharing

baidu cloud: <http://pan.baidu.com/s/1pLkbdTT>

MD5: ae34baa840874276858d936a7ca85c4f

Forum pthread: <http://forum.banana-pi.org/t/bpi-m64-new-image-2017-08-14-ubuntu-16-04-mate-desktop-beta-aarch64-bpi-m64-sd-emmc/3695>

M64 Debian 9.5 AARCH64 Kernel 3.10

Features Map : * http://wiki.banana-pi.org/M64_Image_Map#Debian_9.5_AARCH64

Google

driver : <https://drive.google.com/file/d/10qGv2gVrSgwXMBLDsCF0nQFc9EJnnkeS/view>

Baidu Drive : <https://pan.baidu.com/s/1DJd7CGAT0NijKfOBq9J4Q>

md5sum : 71fe25c1922c7f9ef81bb88e0f544de6

M64 Debian 9.5 AARCH64 Kernel 4.4

Features Map: * http://wiki.banana-pi.org/M64_Image_Map#Debian_9.5_AARCH64

Google

Drive : https://drive.google.com/file/d/17fh3YY6cwOzHMsqwnRQRtu9cXjKU4_tV/view

Baidu Drive : <https://pan.baidu.com/s/1sOR6WFz2U9MT0ltq6zYnJA>

md5sum : f3c2391b0232178018fda7ebfd64b14c

forum pthread:<http://forum.banana-pi.org/t/banana-pi-bpi-m64-new-images-debian-9-5-aarch64-release-2018-11-02/7166>

Google

Drive:https://drive.google.com/file/d/0B_YnvHgh2rwjazINRTRHei1NbmM/view?usp=sharing

baidu cloud:<http://pan.baidu.com/s/1eSeTQeA>

MD5: 9ddf067457ebaf193de63c5c7141446a

Forum pthread:<http://forum.banana-pi.org/t/bpi-m64-new-image-2017-08-13-debian-8-jessie-mate-desktop-preview-aarch64-bpi-m64-sd-emmc/3694>

BPI-M64 Raspbian 9.4 Kernel 3.10

Features Map : http://wiki.banana-pi.org/M64_Image_Map#Raspbian_9.4_AARCH64

Google Drive : <https://drive.google.com/file/d/1qoKCVDgiuEj0IVEzuPgzuFLjFR9hTLH8/view>

Baidu Drive : https://pan.baidu.com/s/1MllzQRpjs_soBDXOKf8NAw

md5sum : e321c6dbb096a0348fceb9d4a0b6c210

BPI-M64 Raspbian 9.4 Kernel 4.4

Features Map : http://wiki.banana-pi.org/M64_Image_Map#Kernel_4.4.89_4

Google

Drive : https://drive.google.com/file/d/1WnsHKnbI_FWQVkhQmbCcJ3yJ38oWaHGy/view

Baidu Drive : https://pan.baidu.com/s/1Bu-xiqiYsnau_xZp8-QEkw

md5sum : 1d4f00680e6869e2c4e66e205e61d93d

forum pthread: <http://forum.banana-pi.org/t/banana-pi-bpi-m64-new-images-raspbian-9-4-kernel-3-10-4-4-release-2018-11-06/7195>

<https://drive.google.com/file/d/1dlr943Ke28IEtCDpy8cl3q1dBUtHymJP/view?usp=drivesdk>
https://drive.google.com/file/d/1F3nYOW9AiLLaz8be0umz_9nlnhDP3t0s/view?usp=drivesdk
Forum pthread:<http://forum.banana-pi.org/t/bananapi-bpi-m64-new-image-fedora-31-with-grub-u-boot-2019-07-kernel-5-3-0/9938>

Baidu Drive: <https://pan.baidu.com/s/18drwPBFKAzf4IFe6IPjaPA>
Google Drive: <https://drive.google.com/open?id=1Lu8xw4sAVyiHJT4eYcoINTAIKG154gm6>
Bpi Ftp Server: <https://dev.banana-pi.org.cn/Image/BPI-M64/Manjaro/>
md5sum : 8c9964fbd80836228c72fa205eb62f78
username: manjaro/root
password: bananapi

Forum pthread:<http://forum.banana-pi.org/t/bananapi-bpi-m64-new-image-manjaro-aarch64-system-2019-01-16/7696>

baidu cloud :<http://pan.baidu.com/s/1c2ce100>

download link : https://drive.google.com/open?id=0B_YnvHgh2rwjODJOSS1TdkRvcEk

baidu link : <http://pan.baidu.com/s/1dEQyGgD>

MD5: 1c09118cd45bf0c3b61d1846710a3649

