AMIKIT FOR RASPBERRY PI

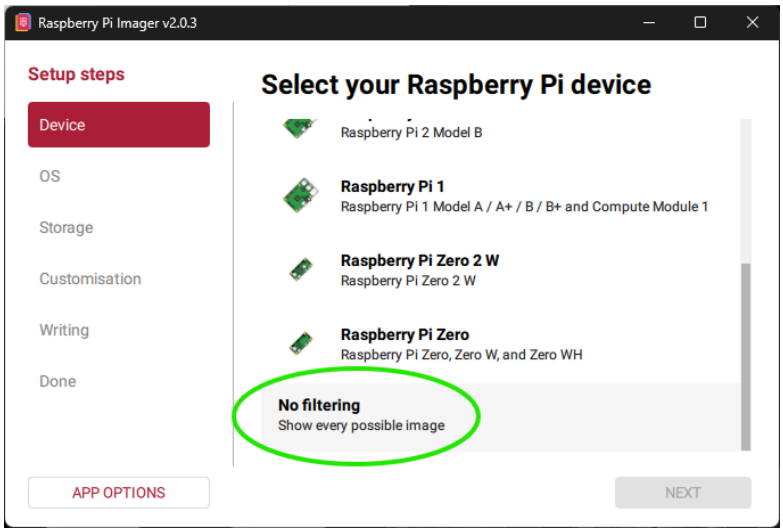
New Trixie-based Image with Amiberry 8

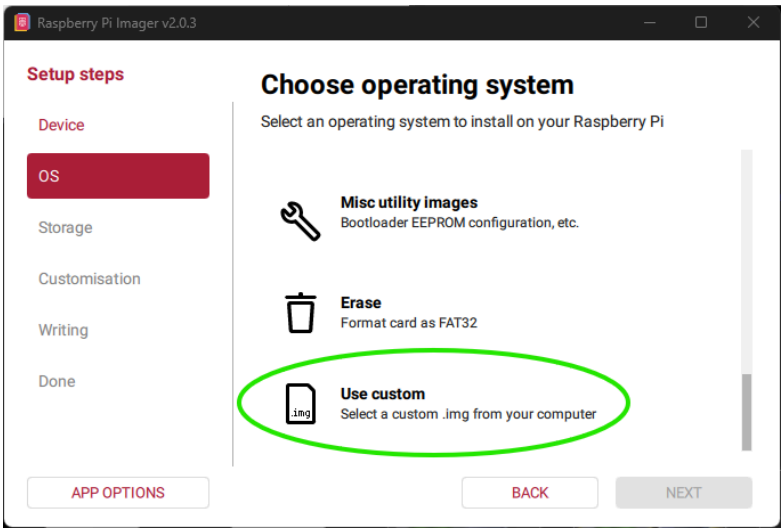
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REQUIREMENTS

- Raspberry Pi 5 / 500 / 4 / 400 (with fan & heatsinks!)
- FullHD 1920x1080 monitor
- microSD card or USB3 drive (32GB+), or SSD (recommended)
- Amiga Forever ISO file (or AmigaOS 3.9 ISO + Kickstart ROM)

INSTALLATION





STEP 1: FLASH THE AMIKIT .XZ IMAGE

On Windows, Mac or Linux, use the Raspberry Pi Imager to flash the AmiKit .xz image you got.

STEP 2: BOOT YOUR RASPBERRY PI and CONNECT IT TO THE INTERNET

Click the network icon at the TOP-RIGHT corner of the Linux desktop

www.amikit.amiga.sk



STEP 3: DELIVER AmigaForever.iso (exactly this filename)
Copy your AmigaForever.iso to the “START HERE - Required Files” folder on the Linux desktop

OR, if you have an AmigaOS 3.9 (or XL) ISO file instead, copy it to the same folder. In this case you will also need to copy Amiga Kickstart ROM 3.1 (v40.68) there and name it "kick.rom"

STEP 4: LAUNCH AMIKIT TO INSTALL AMIGA OS
Amiberry config panel will pop up, just press the START button

In case you have AmigaOS 3.9 instead, before you press the Start button, go to the CD & Harddrives section, enable CD (if it’s disabled) and locate your AmigaOS 3.9 ISO there.

NEXT: A SCREEN-MODE RESOLUTION REQUESTER
Once the AmigaOS installation finishes, restart AmiKit and it asks for a screen mode.
A FullHD 1920x1080x32 resolution is recommended (if your monitor supports it)

Later, if the selected resolution does not work for you, in Linux delete:
/home/amikit/AmiKit/Prefs/Env-Archive/Sys/screenmode.prefs
Restart AmiKit. The screen mode requester will appear again.

MISCELLANEOUS
When AmiKit boots to its desktop, it offers to download some additional software (recommended)

AND HAVE FUN!

Ján, author

TIPS & TRICKS

MAKE A BACKUP
To keep a backup, open the home folder, create a folder called "Backup" and copy the "AmiKit", "Amiberry" and "RabbitHole" folders into it. If anything goes wrong, restore the AmiKit folder first; if that fails, the RabbitHole folder; finally the Amiberry folder.
If it still fails, come to Discord or reflash your card with the original download.

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HDMI AUDIO

Connect your monitor to the HDMI 0 port (on Raspberry Pi 4/5 it is the one closest to the USB-C power port). On HDMI 1 the sound may cut in and out.

BOOT "STRAIGHT" TO AMIKIT

Enable/Disable it in Linux (BootMode icon on the desktop)

LOCALISING YOUR AMIKIT

Open a terminal and type "sudo raspi-config", then go to "5 Localisation Options" to set your language, timezone, keyboard and WLAN country.

OPEN EXTERNAL MEDIA (eg. FLASH STICKS) IN AMIKIT

On the Linux desktop, plugged-in USB sticks now appear automatically (on the desktop and in the Files manager). Inside AmiKit, double-click the desktop and select Media.

DISPLAY THE AMIBERRY CONFIG PANEL

To show the Amiberry config panel while AmiKit is running, press F12 (or Fn+F2 on Pi400/500)

RESET / REBOOT / SHUTDOWN / QUIT

Click the small round button in the right-bottom corner of the AmiKit desktop.

LAUNCH HOST LINUX APPS FROM AMIKIT (RABBIT HOLE)

Open the RabbitHole folder on the AmiKit desktop to launch any pre-defined host Linux app. You can launch any host app by prefixing host-run, e.g. in the Shell: host-run firefox
Directory Opus Magellan II (the Workbench replacement) is configured to open certain file types with host Linux apps; you can add/modify these (right-click > Settings > File Types...)

BRING HOST LINUX APPS BACK ON THE DESKTOP

Clicking the AmiKit desktop makes your host Linux apps disappear.
Simply press Alt-Tab to bring them back.

WHDLOAD GAMES & DEMOS

For WHDLoad games & demos you may need extra Amiga Kickstart ROM files. If AmiKit didn't install them automatically (it should if you used Amiga Forever), copy them to the AmiKit:Devs/Kickstarts folder and name them per WHDLoad requirements (no extra .RTB files needed, they are already pre-installed). To quit a WHDLoad game/demo, press F10.

AUDIO

On first boot audio is set to HDMI. To use the headphone jack, click the speaker on the taskbar and change it before you start AmiKit.



UPDATE LINUX AT YOUR OWN RISK

I mean it should be fine, but one never knows if any future Linux updates break AmiKit.
I cannot test them all.