AYN

Board	Status
Odin 1	Not yet supported
Odin 2	Supported in 42
Odin 2 Portal	Supported in 42
Thor	Supported in 43

ODIN 1

Details on Aya Odin Base/Pro

ODIN 2

ODIN 2 PORTAL

Installation

1. burn a sdcard with batocera on it
2. boot the board on Android
3. download odin2_custom_abl_xxx.7z (original link) or odin2_custom_abl.zip (copy on batocera.org) and extract it at the top of the root of Android internal storage
4. go to Android settings : “Odin settings” → “Run script as Root” to run the “backup_and_flash.sh” script (The original ABL will be backed up to /sdcard/backup)
5. reboot and enjoy

Thor

Installation

1. Boot your Thor device on Android.
2. Download sm8550.zip (this is the same package as the Odin2 above) and extract it to an sdcard.
3. In Android insert the sdcard with the extracted files.
4. Go to Android settings, at the bottom in the **Thor settings** → **Run script as Root** and select the **backup_and_flash.sh** script on the sdcard you inserted.
5. The script will run quickly and back up the original boot loader to **/sdcard/backup/** directory.
6. Keep this as a backup in case you want to rollback.
7. Download the Batocera Ayn Thor image and burn it on an micro SDCard. **Warning:** make sure you have a high quality SDcard. In my testings, I failed booting a 256GB no-name card, while a 128GB PNY went flawlessly.
8. Then, if you have your Batocera micro SDCard inserted in your Thor, boot it up and it starts on

Batocera.

9. Enter the bootloader fastboot menu by pressing `[vol -]` and `[power]` and switch the boot mode to Linux (use volume buttons and power to navigate and select).
10. Then navigate to 'Set device model'. There you can choose your device from the list. Then navigate to 'START' and press power to boot.
11. If you want to go back to Android, remove the SDCard, enter the boot loader menu by pressing `[vol +]` and `[power]` and switch the boot selection from Linux to Android. and you'll be back to Android.

Troubleshooting

You can access some boot options by keeping pressed the **[Vol +]** and **Power** buttons. The boot loader menu is in portrait mode and looks like this:



You can switch from Android to Linux booting from this menu.

From:
https://www.wiki.batocera.org/ - **Batocera.linux - Wiki**

Permanent link:
https://www.wiki.batocera.org/hardware:ayn?rev=1772677978

Last update: **2026/03/05 02:32**