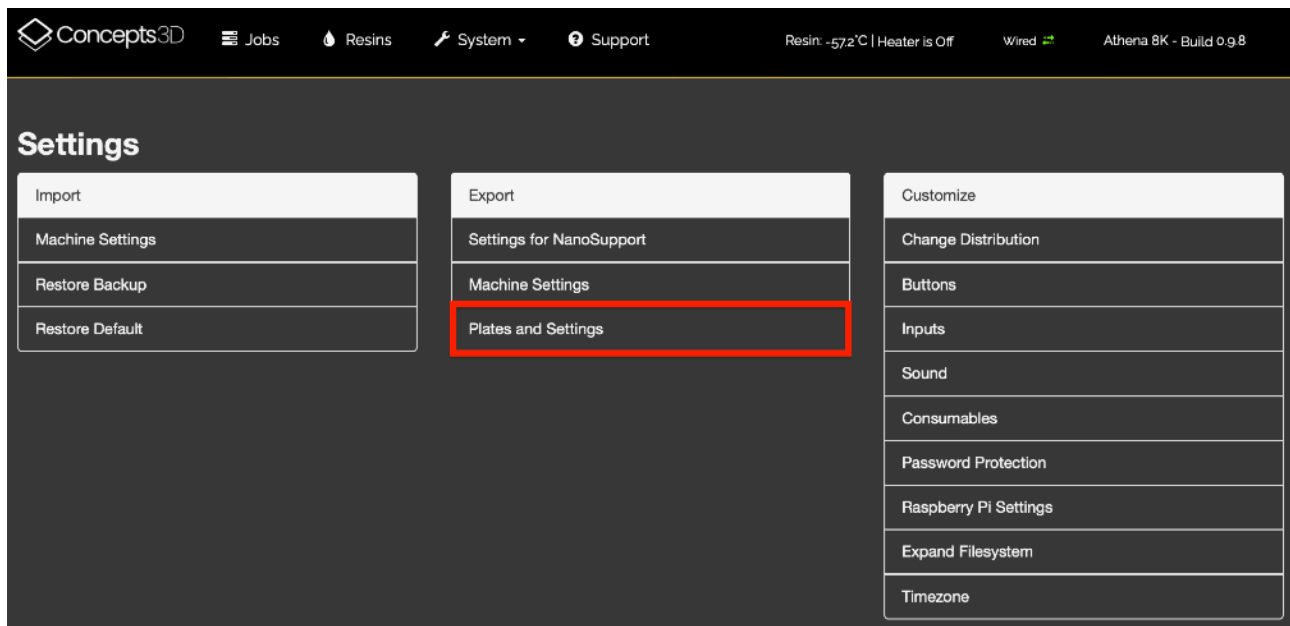


These are the instructions for flashing the SDcard for the **8k or 12k Athena 1**.

Before beginning, you will need the following.

1. 32-64gb MicroSD card of good quality. (Sandisk Extreme, Samsung Evo, Endurance)
2. MicroSD card adapter to be able to plug the card into your computers USB port.

If you are able to access the webUI, you should **backup your Plate/Jobs and Resin profiles** as the new card will not contain them. You can back them up by accessing the WebUI (system tab/tools) and exporting your plates and resin profiles to your computer. Then import them back afterwards.

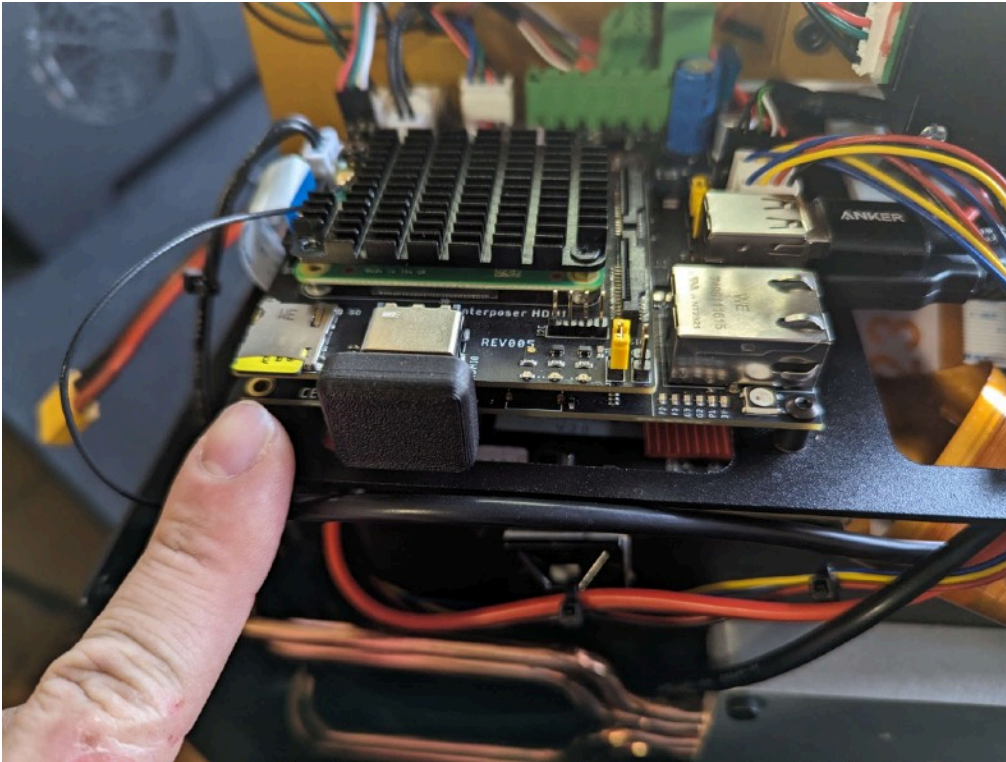


Removing the Athena OS Micro SD Card

1. Unplug the Printer
2. Remove the Vat, Build Plate, Heater, Resin Temperature Probe from the printer.
3. Lay the Printer on its back, with the door closed. You want to access the bottom cover
4. Remove the 8 bolts holding on the bottom cover.
5. Look for the Athena Main Board, It will be on the right hand side of the stepper motor.
6. Locate the MicroSD card on the Main board, it will be on the far right hand side of the main board, opposite the Ethernet port.
7. Remove the MicroSD Card by pressing it slightly and it should pop out a little so you can grab it.

Flashing a new MicroSD Card with Athena OS (32-64gb high quality card)

1. Download the latest image for your unit (8KPROD for the 8k or 12KPROD for the 12k) and save it to your computer. This is the Athena OS image file.
<https://olymp.concepts3d.eu/static/images/>
2. Click this link to find the Raspberry Pi imager app which you will use to flash the card.
<https://www.raspberrypi.com/software/>
3. In the imager app, Ignore the Device, select "Use Custom" under Operating System and find the Athena OS you downloaded in step 1.
4. Choose your SD card as Storage and press Next to begin flashing. Select No for OS Customization Settings.
5. After flashing, Windows may notify you that the card needs to be formatted, just ignore this message.
6. Reinstall the card into the Athena main board. Put back on the cover, setup and boot the printer.



7. First boot, it will do a setup process, just be patient. The touchscreen will prompt you to reboot when its complete.
8. Power off the printer, wait 10 seconds and power it back on.
9. Connect the printer to your network. If Wifi, use the touchscreen to connect, for Ethernet simply plug it in.
9. If you not already downloaded the latest OS version you can update your software to the latest version from the Touchscreen (Settings/Software). Be patient, it make take some time to update. The printer will request a restart to finish the update.
10. Even if you flashed the latest image it is advised to hit the update button on the webUI update page (even if it will say „no update available) to make sure all firmware parts are updated to the correct version.

Done.