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# Booting the Orange Pi PC+ from EMMC

One of the things I like about the Orange Pi PC+ is the 8gb of on board EMMC storage. It has the potential to be faster than micro SD, less likely to corrupt and most usefully, frees up a micro SD card for another board!

After a bit of searching, I found the line of code needed to move the OS onto the EMMC. I am using Armbians Jessie desktop build. This should work for any of their Jessie builds and the script should also allow you to install to SATA or USB storage.

Steps are as follows:

1. Get Armbian up and running on the micro SD card.
2. Open up terminal
3. Type the following (from [http://docs.armbian.com/User-Guide\\_Getting-Started/](http://docs.armbian.com/User-Guide_Getting-Started/)) and press enter:  

```
1 | sudo nand-sata-install
```
4. Enter your root password
5. I was only presented with the “boot from eMMC / NAND, system on eMMC/NAND” option. I assume because I had no SATA or USB storage attached. Select ok.
6. Sit back and wait. It took around 20 mins for me.
7. It will tell you when it is complete.
8. Shutdown & remove power
9. Remove SC card
10. Re-introduce power
11. Sit back and consider the uses for this freshly liberated SD card while your OPI boots from EMMC.

This script copies everything from the SD card so Armbian even picked up my session from the last reboot. This means you can run this script at any time without having to worry about re-configuring everything. Of course if I was the careful type, I would back up everything I cared about on the OPi before executing this script.

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