

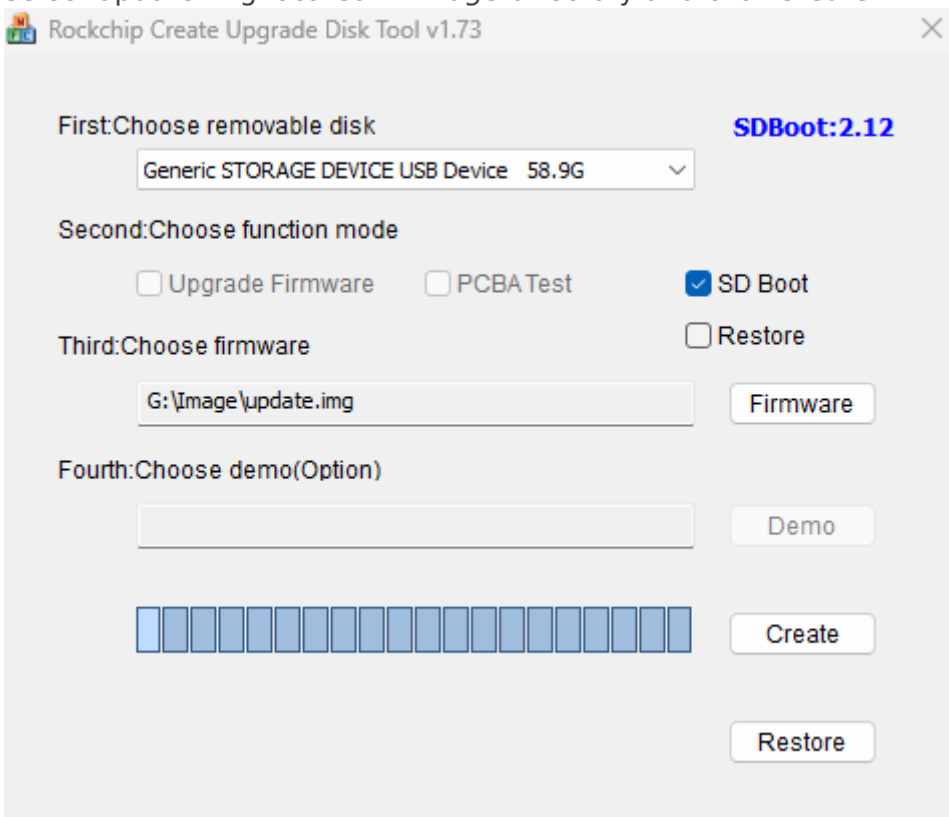
# Booting from SD card

## 1. Download OS image

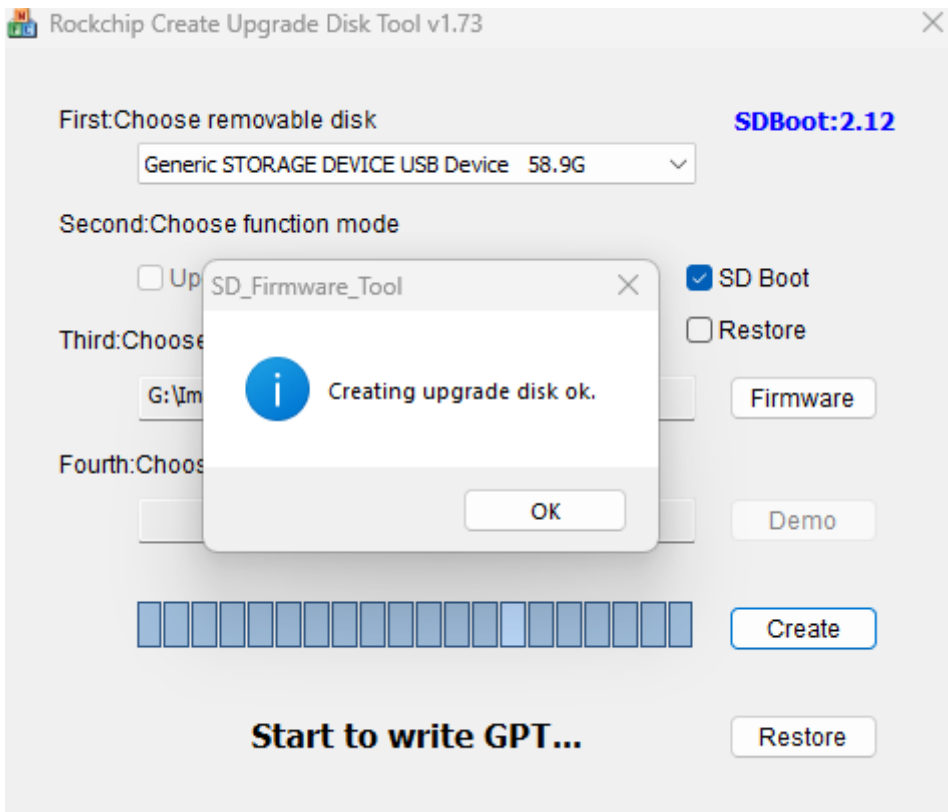
Go to [urveboard.com](http://urveboard.com) and download *OS Image (Debian 11)*. Extract content of the archive. Open *SD\_Firmware\_Tool.exe* from *SDDiskTool\_v1.73* directory.

## 2. Create bootable SD card

After opening the app select device and select *SD Boot* checkbox. If you keep default value *Upgrade Firmware*, this SD card will be in upgrade mode (it will upgrade existing system). Then select *update.img* located in *Image* directory and click *Create*.



If any error occurs for example *Writing Loader failed!*, you should ignore that error and click *Create* again. After few minutes you should see *Creating upgrade disk ok*.



### 3. Clear internal memory

Enter terminal of the device. Either via SSH connection or with debug UART ([Connecting to URVEPi Debug UART](#)). Use command below to clear partition table of internal memory.

```
dd if=/dev/zero of=/dev/mmcblk0 bs=512 count=1 && sync
```

**WARNING** this command is irreversible and will delete internal memory data.

### 4. Verify

You can check if it works by using command `lsblk`. You should see root partition (/) mounted from `mmcblk1p6`.

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