

# Flashing Ubuntu 22.04 Preinstalled Desktop ARM64 Image to SD Card Using Balena Etcher

## Requirements:

### 1. Software:

- Balena Etcher (available for Windows, macOS, and Linux).

### 2. Hardware:

- A computer (Windows/Linux/macOS).
- SD card (minimum 16GB recommended).
- SD card reader.

### 3. Image File:

ubuntu-22.04-preinstalled-desktop-arm64-taishan.img.

Link-

<https://drive.google.com/file/d/13vBPck2h0YMKrjvbFPWSXtd08QmtIJQq/view>

## Steps:

### 1. Download and Install Balena Etcher:

- Go to [balena.io/etcher](https://balena.io/etcher).
- Download and install the appropriate version for your OS.

### 2. Insert the SD Card:

- Connect your SD card to the computer using an SD card reader.

### 3. Launch Balena Etcher:

- Open the application.

### 4. Select the Ubuntu Image:

- Click **Flash from file**.
- Browse and select the ubuntu-22.04-preinstalled-desktop-arm64-taishan.img file.

### 5. Choose Target Device:

- Click **Select Target**.
- Choose the connected SD card (ensure correct device to avoid overwriting another disk).

### 6. Start Flashing Process:

- Click **Flash!** to begin writing the image to the SD card.
- The process may take several minutes depending on the speed of your card and reader.

### 7. Verify Flashing (Optional but Recommended):

- Balena Etcher automatically verifies the flashed image to ensure there are no errors.
8. **Eject the SD Card:**
- Once flashing is complete, safely eject the SD card from your system.
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### Outcome:

The SD card now contains the **Ubuntu 22.04 Preinstalled Desktop ARM64 image for Taishan**. You can insert the SD card into your Taishan Pi (or other compatible ARM64-based boards) and boot Ubuntu 22.04.

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### Notes:

- Ensure your Taishan Pi is connected to a display, keyboard, and mouse for desktop usage.