

AtomS3R-M12 Volcengine Voice Assistant

Use Case

This tutorial will use the [AtomS3R-M12 Volcengine Voice Assistant](#), flash the Volcengine Voice Assistant test firmware via M5Burner, and build your personal voice assistant application.



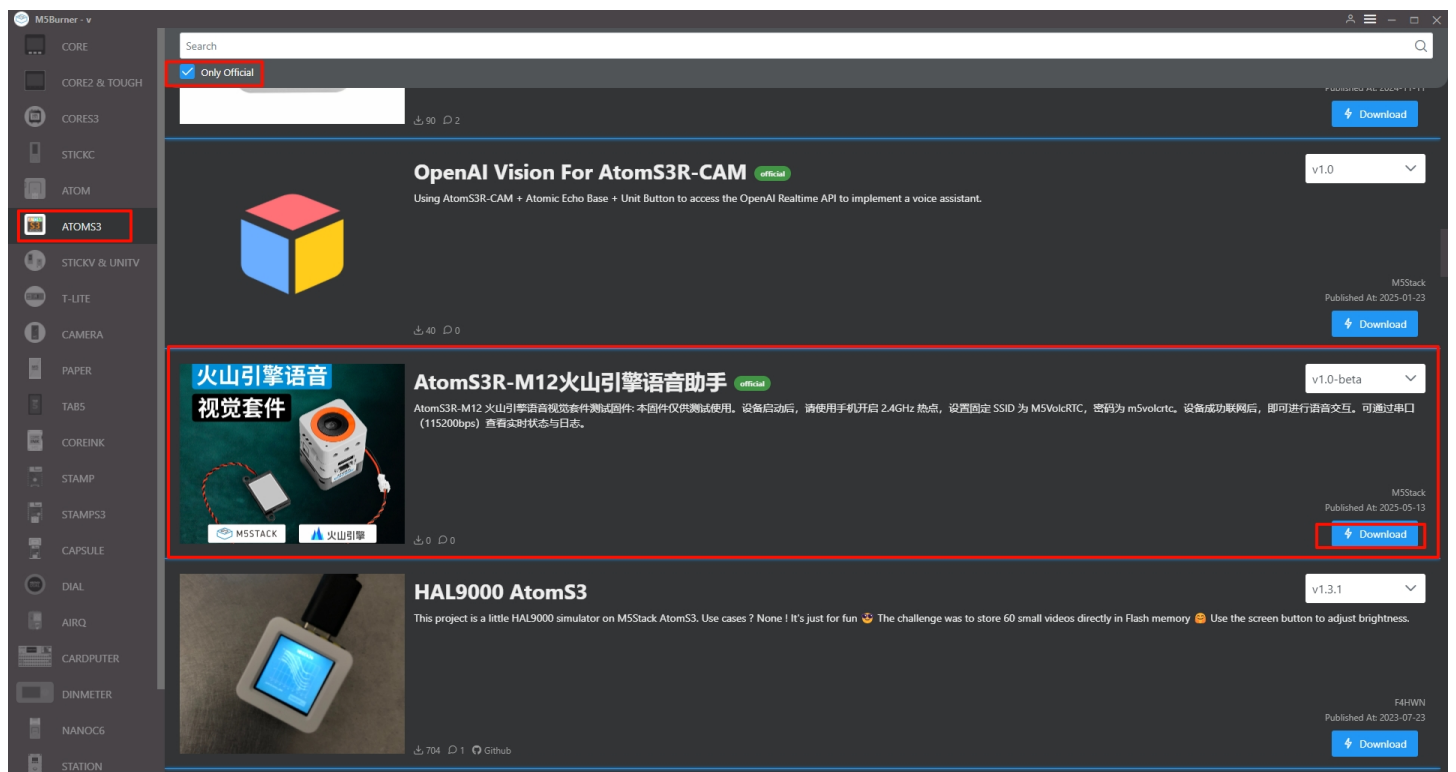
1. Preparation

Please, according to your operating system, click the button below to download the corresponding M5Burner firmware burning tool, unzip it, and open the application.

Software Version	Download Link
M5Burner_Windows	Download
M5Burner_MacOS	Download
M5Burner_Linux	Download

2. Firmware Burning

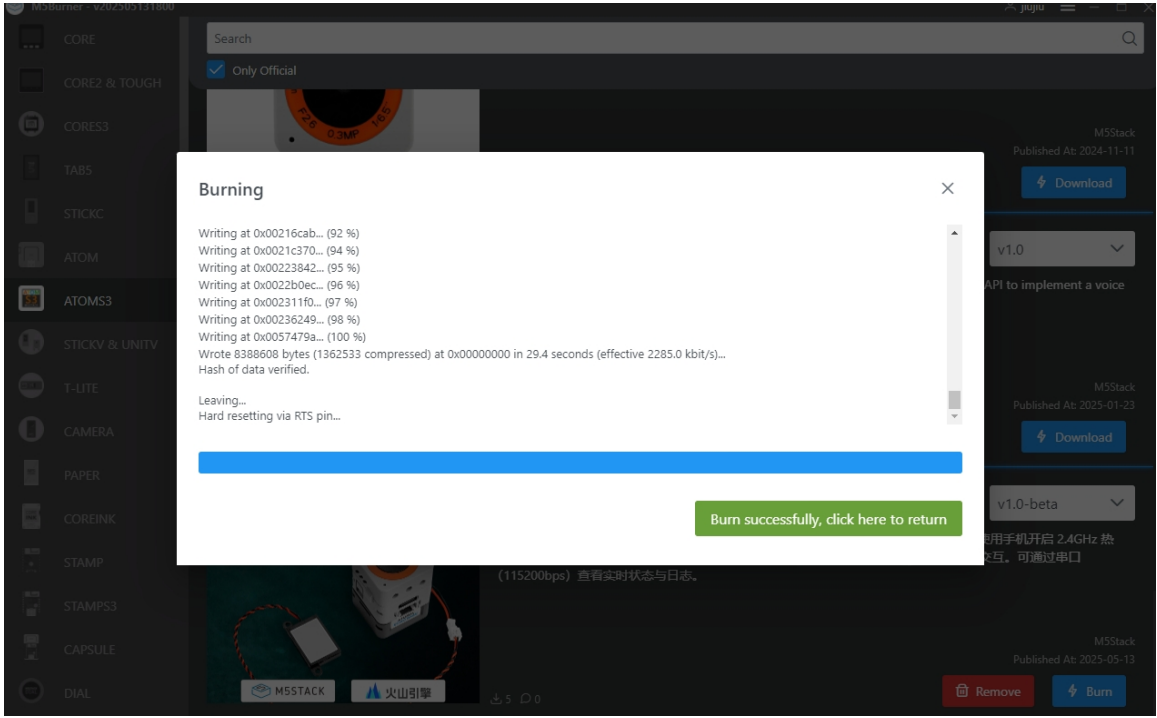
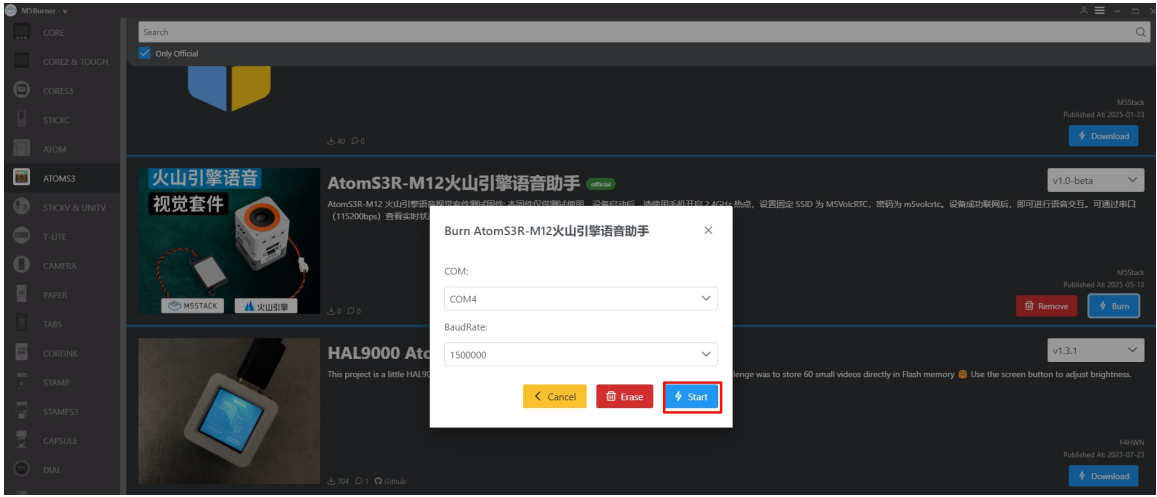
- Double-click to open the Burner tool. In the left menu, select the device type `AtomS3`, then check the `Only Official` option at the top of the interface, and find the `AtomS3R-M12 Volcengine Voice Assistant` firmware to download.



- After connecting the device via USB, press and hold the reset button (for about 2 seconds) until the internal green LED lights up, then release. The device has now entered download mode, waiting for burning. The red indicator turns off after the button is released, confirming that the device is in download mode.



- In the Burner tool interface, click **Burn**. In the popup window, select the corresponding port for your device. Click **Start**, and wait for the burning to complete.



3. Hotspot Configuration

Use your phone to enable a 2.4GHz hotspot, set the hotspot name to `M5VoLcRTC` and the password to `m5volcrtc`. Once the device successfully connects to the network, voice interactions can begin.

4. Getting Started

After completing the above configuration, you can start the conversation. You can view real-time status and logs via the serial port (115200 bps).

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