Quick Getting Started Tutorial

1. If you use the included USB flash drive or TF card, the default factory image is included and can be used immediately upon boot, eliminating the need to re-burn the image. If you use a third-party USB flash drive or TF card, we recommend burning the factory image provided by us. For instructions on burning the image, please refer to **Chapter 2, Jetson Nano B01 Basics**.
2. The Jetson Nano AI Large Model Development Tutorial requires the pre-configured large model image: **Board/Appendix/Images/Factory Image_Online+Offline Large Model/AI_pure_Nano_4G_20250915.zip**

If you purchased the **AI Large Model Package**, the default image on the TF card you received is the AI Large Model image, which is only suitable for running the AI Large Model Development chapter**. To run examples in** other chapters**, please burn the image in the "**Factory Image_ROS+AI Vision**" folder. The image version to burn varies depending on whether you use a USB flash drive or TF card. For the TF card version, use the image in the Image folder (board slot) to burn to the TF card; for the USB flash drive version, use the image in the Image folder.

3. If you purchase a SUB board package without a USB flash drive/TF card, the default boot process will be a bare-bones EMMC system, without CUDA or other environment configurations. If you purchase a SUB board package with a USB flash drive/TF card, the boot process is pre-burned at the factory. Simply insert the USB flash drive/TF card to boot the system.
4. Once the image is burned and the Jetson Nano B01 boots normally, refer to Chapters 2 and 3, "Starting the Jetson Nano B01," for the detailed boot process. Then, you can proceed with the following gameplay.

- Chapter 5: GPIO Hardware Control Tutorial focuses on: **Using onboard GPIO to drive LEDs, OLEDs, and other hardware**
- Chapter 6: Advanced AI Vision Tutorial focuses on: **How to use the GPU and CPU to implement AI intelligent operations**
- AI Large Model Tutorial focuses on: **Offline AI model development and online AI model development using the AI voice module**
- The other chapters cover the basics of the Jetson Nano B01 and ROS system; you can skip them if you already have a basic understanding.
- The **Factory Image_ROS+AI Vision** image includes the source code for our other ROS accessories. If you purchase ROS accessories from us, you can follow the corresponding ROS accessory tutorials to experiment with various features.