

■ ■ FLUX AI Local Setup — One-Page Cheat Sheet

Run FLUX.1 models locally using ComfyUI, WebUI (Forge), or Docker

■ ■ System Requirements

- NVIDIA GPU (8GB+ VRAM) — CUDA installed
- Python 3.10+, Git, and optionally Docker
- 10–50 GB free disk space for model weights
- Works on Windows, macOS, Linux (Ubuntu recommended)

■ Quick Install (ComfyUI Example)

- 1 ■ ■ Install Python 3.10+, Git, and NVIDIA CUDA toolkit.
- 2 ■ ■ Clone repo: `git clone https://github.com/comfyanonymous/ComfyUI.git`
- 3 ■ ■ `cd ComfyUI → python -m venv venv → activate venv.`
- 4 ■ ■ `pip install -r requirements.txt`
- 5 ■ ■ Download FLUX weights from official sources (Hugging Face / Black Forest Labs).
- 6 ■ ■ Place model in /models folder, then run: `python main.py`

■ FLUX Model Overview

Model	Format	Source	License
FLUX.1 Dev	safetensors	Official Repo / HF	Accepted License
FLUX.1 Schnell	safetensors	Community HF Mirror	Same as Dev
ComfyUI Flux Nodes	Integrated	GitHub + YouTube	Open Source

■ Useful Commands & Tips

- Start ComfyUI: `python main.py`
- GPU Optimization: Use FP16 mode for lower VRAM usage.
- Model Path: /ComfyUI/models or /stable-diffusion-webui/models
- Docker Example: `docker build -t flux-local . && docker run --gpus all -p 5000:5000 flux-local`
- Official Repo: <https://github.com/black-forest-labs/flux>

How to use Flux Image Generation?

seotoolrank.com

blog.medihertz.com