

LM Studio

How a private local LLM works

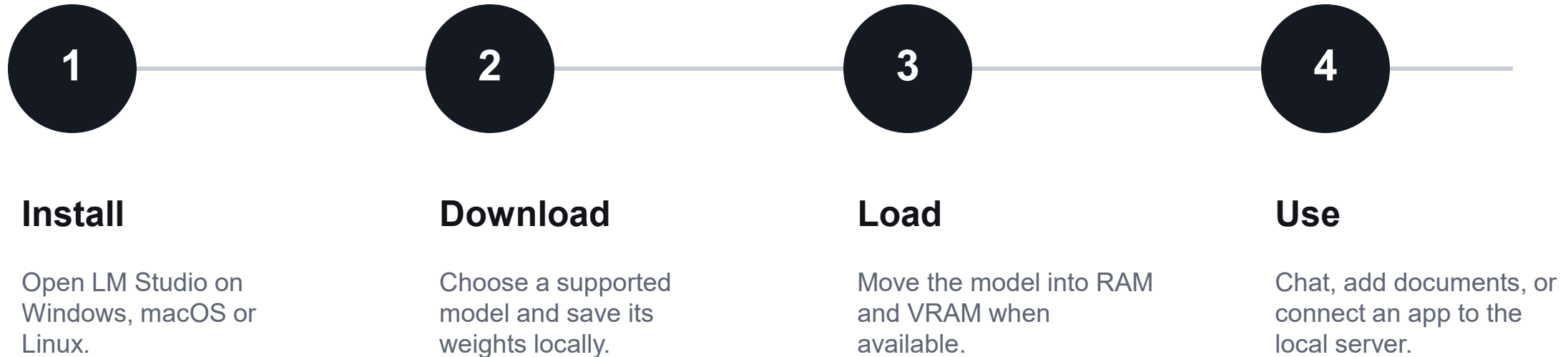
A desktop app for downloading, running and chatting with open-weight AI models on your own computer.

LOCAL • OFFLINE • CONTROLLED



Four steps turn your laptop into a local AI workspace

02



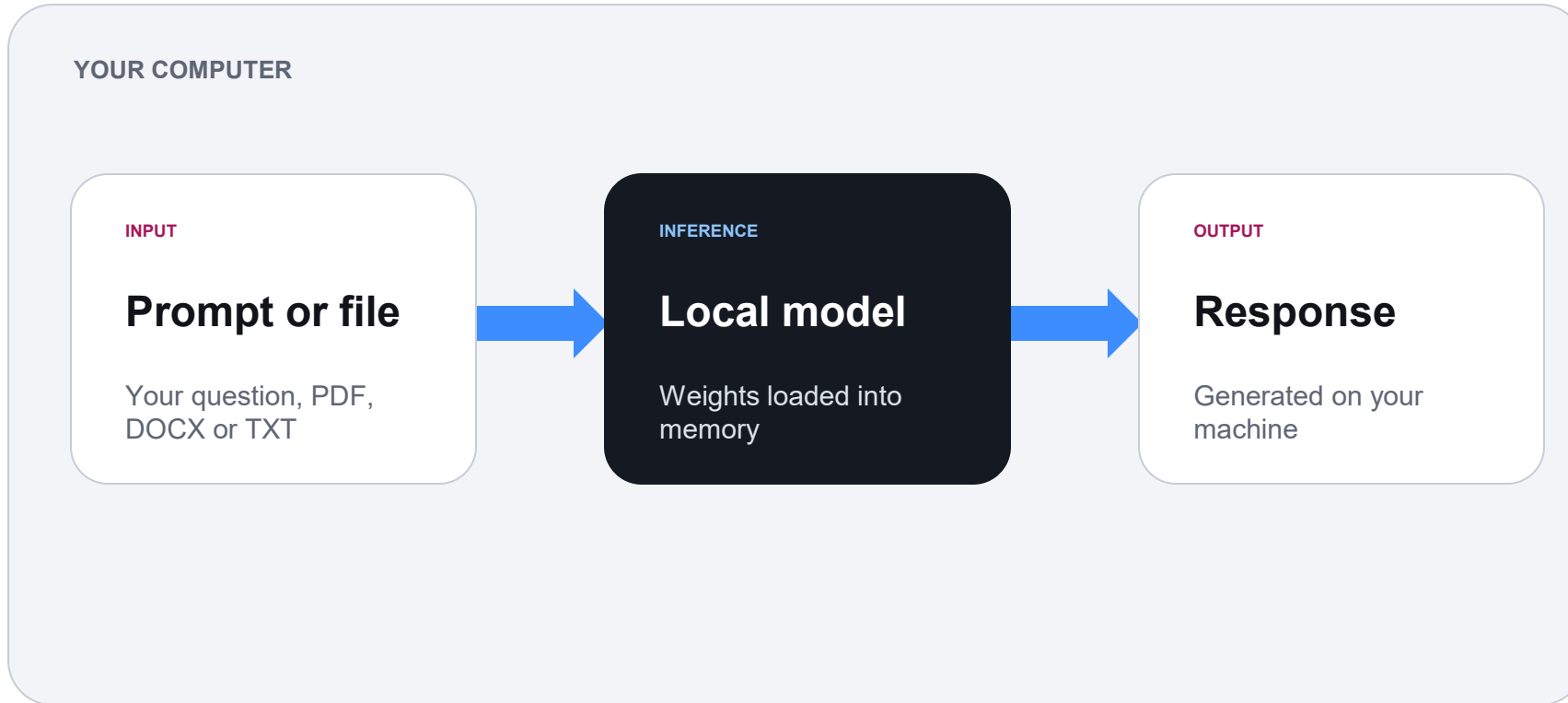
Key idea

Downloading needs internet. Running the downloaded model does not.

The core AI loop can stay inside the device

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PRIVATE WHEN THE WORKFLOW STAYS LOCAL



Internet is still used for:

- Searching for models
- Downloading models
- Runtime and app updates

Local does not remove the need for device security and approved data-handling rules.

Use LM Studio where local control adds value

04

FOUR PRACTICAL USE CASES

- | | | |
|----|------------------------|---|
| 01 | Documents | Summarize PDFs, extract action items, compare policies and ask questions about local files. |
| 02 | Writing | Draft emails, outlines, captions and reports without sending every prompt to a cloud service. |
| 03 | Offline work | Brainstorm, study or prepare content when connectivity is limited or intentionally disabled. |
| 04 | App prototyping | Test chatbots, structured output and workflows through a localhost API or SDK. |
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Choose LM Studio when privacy and control come first

05

WHY PEOPLE USE IT

-  **Privacy** Prompts and documents can remain on the device.
-  **Offline access** Downloaded models keep working without connectivity.
-  **Model choice** Try different open-weight models and quantizations.
-  **Developer control** Serve the model locally through APIs and SDKs.

CHECK BEFORE YOU START

Your hardware sets the ceiling.

- 16 GB RAM is recommended
- Smaller or 4-bit models suit lighter machines
- Model quality and speed will vary
- Initial downloads need internet and disk space

CLASS TEST

Download a small 4-bit model → attach a public PDF → request a 5-point summary → compare speed and accuracy.

Download Link: <https://lmstudio.ai/download>