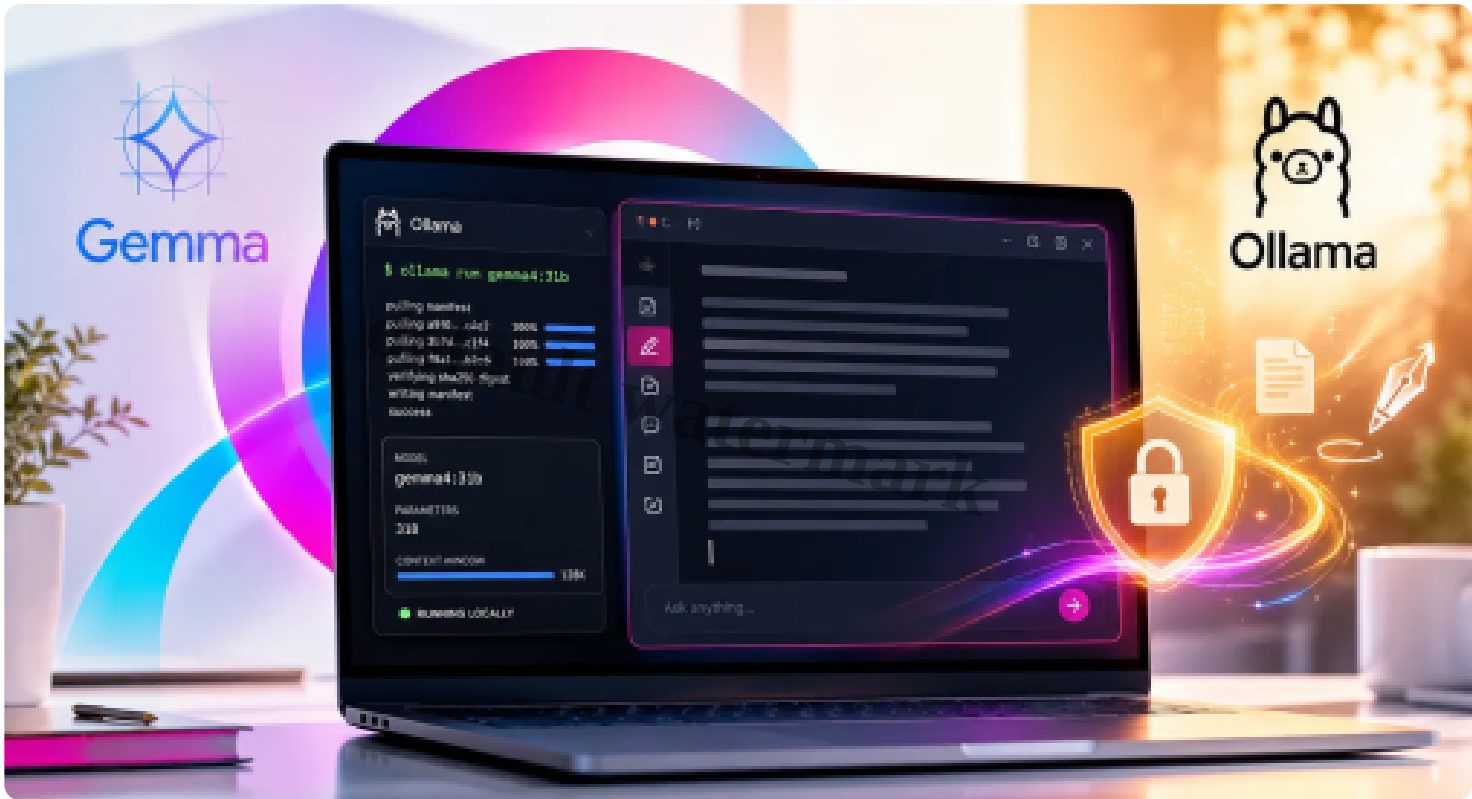


How to Install gemma-4-26B-A4B-it Locally via LM Studio with 1M Context No-Code Guide

Description



Docker offers the *quickest path* to setting up this model locally.

Follow the sequence of **steps** detailed below.

Then, run the **build command** to initialize the **Docker** container.

ð??? Hash Value: 7a4a805eb81f57875d8357cafee1e716 | ð??? Update: 2026-06-27



default watermark

- CPU: multi-threading optimized for fast prompt processing
- RAM: 32 GB or higher for smooth 32k context lengths
- Disk Space: 70 GB free space for full FP16 weights storage
- GPU: RTX 4080 / RTX 4090 recommended for 26B-A4B fast inference

The **gemma-4-26B-A4B-it** model represents a significant advancement in open-source language models, combining a massive **26-billion parameter** architecture with optimized inference performance. It leverages an *attention-sparse* design that reduces computational load while maintaining high fidelity in both factual and creative tasks. The model supports a **2048-token context window** and incorporates a refined instruction-tuning pipeline that improves alignment with user intent. A comparison with peer models shows superior scores in reasoning, code generation, and multilingual understanding, as summarized below.

Metric	Value
Parameters	26B
Context Length	2048 tokens

Training Data Web-scale multilingual corpus
Inference Speed ~120 tokens/s on GPU

Users can integrate the model into production environments via standard APIs, benefiting from its *balanced trade-off* between size, speed, and capability.

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