Kimi K3.1 Pro: A Large AI Model Anyone Can Download, With Its Hacking Skill Cut on Purpose

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Kimi K3.1 Pro is a large AI model from the Chinese lab Moonshot AI. Anyone can download its weights (the 2.8 trillion numbers it learned) and run it on their own servers, which suits companies and researchers with big hardware. The files total 1.56 terabytes, about three 512

GB laptop drives. It is a mixture of experts model: only 104 billion of those numbers work on each word, like a hospital where each patient sees a few specialists. Moonshot announced it on October 23 and published the weights about November 4.

Artificial Analysis, an independent testing site, ranks it highest among open-weights models. At launch it gave Kimi 55 and fourth place. On October 27 it moved to index version 5, built mostly on private tests, and the score became 46, 14 index points behind the leader. Each test task takes Kimi 37.2 minutes, against a 13.0-minute median for similar open models. A company that sells access to the model needs a separate deal with Moonshot once its revenue passes $20 million over 12 months.

Before release, Moonshot removed cyber-related data from its training to hold back its hacking skill. Moonshot's blog does not say whether fine-tuning, which the licence allows, could restore it. On Moonshot's own test, xdev-bench-hard, the model gets three tries per recently disclosed software flaw to write a working attack. A version without the removal solved 90.5% of problems; the final model solved 81.0%, and Notebookcheck reported that no outside group had verified either figure.

Read More: Deltafin, a research tool that runs the earlier 2.8-trillion-parameter Kimi K3 on one workstation and Anthropic's test of another open-weights model, GLM-5.3, whose refusal filters can be removed

Sources:

- Kimi K3.1 Pro tech blog (Moonshot AI)
- Kimi-K3.1-Pro model card (Hugging Face)
- Kimi K3.1 Pro analysis (Artificial Analysis)
- Announcing Artificial Analysis Intelligence Index v5
- Kimi K3.1 Pro: Free to try, hacking skills deliberately weakened (Notebookcheck)

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