Inkling 2 Small: A Customizable AI Model for Coding and Office Work

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Inkling 2 Small is an AI model from Thinking Machines, the lab led by former OpenAI technology chief Mira Murati. It reads text and images and is for developers who build coding and document assistants and tune the model on their own data. Its 594 billion parameters (the numbers it learned) work like a hospital where each patient sees only a few of many specialists. Each token (word piece) goes to a few specialists, so only 17 billion parameters do the work.

Its initial training phase read 8.4 trillion tokens in 68 hours. It then practiced on more than 17 million graded attempts at tasks such as coding and office work.

On Tinker, the lab's service for running and tuning models, developers pay $0.30 per million input tokens and $1.00 per million output tokens. The testing firm Artificial Analysis gives it 31 on its Intelligence Index, a nine-test mix including coding and office tasks. Google's Gemini 3.8 Flash also scores 31, yet one index task costs $7.77 with Gemini and $1.18 with Inkling 2 Small. Artificial Analysis times it at 16.4 minutes per task, about twice the median of similar models.

Thinking Machines said on November 5 it would publish the full weights, the files anyone can download and run, "next week" after outside safety testing. The weights were not out on November 10. Artificial Analysis says a release would make it the highest-scoring open-weights model made outside China. DeepSeek V4.1 Flash (33) and GLM-5.3 (32), both Chinese, score higher.

Read More: Inkling: Open Weights Built for Custom AI, the lab's earlier, larger model with 975 billion parameters and downloadable weights

Sources:

- Introducing Inkling 2 Small (Thinking Machines)
- Thinking Machines launches Inkling 2 Small with near-frontier performance on enterprise benchmarks (VentureBeat)
- Inkling 2 Small: Intelligence, Performance and Price Analysis (Artificial Analysis)
- Thinking Machines Inkling 2 Small: the highest scoring open weights model outside of China pending weights release (Artificial Analysis)
- LLM Leaderboard (Artificial Analysis)

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