

# GLM-5.2: An Open-Weight Coding Model With a 1M-Token Context That Rivals the Frontier

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**GLM-5.2: An Open Coding Model on a 1M-Token Context**

Z.ai's 753B open-weight model, MIT licensed, near the frontier

- 1M**  
Token context window, five times GLM-5.1
- 81.0**  
Terminal-Bench 2.1, best open model
- MIT**  
Open weights, no regional limits

Open weights a vendor or a government cannot switch off

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ToKnow.ai

Z.ai released GLM-5.2, an open-weight model built for coding jobs that run for hours. It is a 753-billion-parameter mixture-of-experts model, meaning it holds many specialized sub-networks but activates only a small slice per token to stay fast, and it ships under the MIT

license with no regional restrictions. The biggest change is a working 1M-token context, five times the 200K of GLM-5.1 and enough to hold a whole mid-size codebase at once. A method called IndexShare cuts the compute per token by 2.9 times at that length, so the long context stays cheap to run. On FrontierSWE, a test of open-ended projects that take hours, it scores 74.4, about 1% behind Claude Opus 4.8 and just ahead of GPT-5.5. On [Terminal-Bench 2.1](#) it jumps to 81.0 from GLM-5.1's 63.5, the best open-source result and near Opus 4.8's 85.0.

Because the weights are downloadable and MIT-licensed, a team can self-host a model that competes with the best closed coding agents on multi-hour work, with no per-token API bill and no country-based lockout. The large context helps agents most: instead of re-reading files repeatedly, the model can hold an entire project and its history in one pass.

It landed the same month a White House order briefly [switched off access to Anthropic's Mythos and Fable 5 models](#) in South Korea. An open-weight model you can download cannot be revoked by a vendor or a government, which makes the open versus closed gap increasingly about ownership and resilience, not raw capability.

Read More: [GLM-5, the predecessor that first closed the open-source gap](#)

Sources:

- [GLM-5.2: Built for Long-Horizon Tasks \(Z.ai\)](#)
- [GLM-5.2 model weights on Hugging Face](#)
- [GLM-5 GitHub repository](#)
- [GLM-5.2 model guide \(Z.ai docs\)](#)

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