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Which models to use in Codex CLI: Kimi K2.7 Code, DeepSeek V4 Pro, GLM 5.2 and others

Codex CLI

CODE	VERSION	COUNTRY · LANGUAGE
RLX-MZ-KB-3139	v2026.11.28	Mozambique · English

MozOut Mozambique
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Which models to use in Codex CLI: Kimi K2.7 Code, DeepSeek V4 Pro, GLM 5.2 and others

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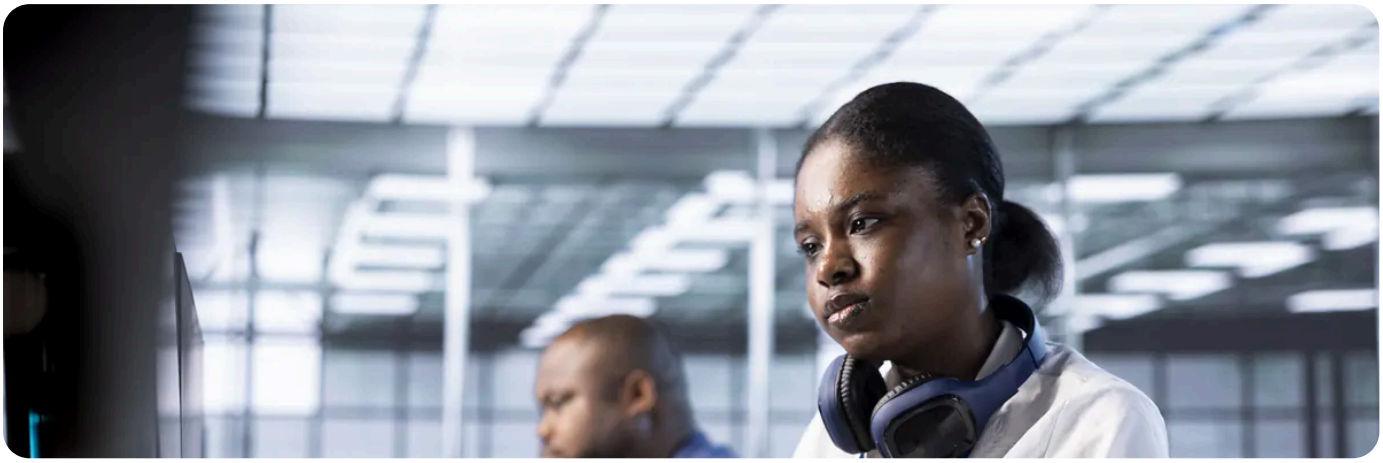

Codex works with the catalogue text models that support tools (function calling): it needs them to read files, edit and run commands. These are the ones we recommend for coding. They are all in the catalogue, support tools and are part of the Coding Plan.

The recommended models

Model	Context	What for
`moonshotai/kimi-k2.7-code`	262,144 tokens	Made for coding: the best starting point for everyday work.
`deepseek-ai/deepseek-v4-pro`	1,048,576 tokens	Strong reasoning, for large changes and hard bugs.
`zai-org/glm-5.2`	1,048,576 tokens	Built for agents: uses tools well in long tasks.
`qwen/qwen3.8-max`	1,000,000 tokens	A large model, for reasoning and code across whole projects.
`deepseek-ai/deepseek-v4-flash`	1,048,576 tokens	Fast and cheap, for background tasks and short questions.
`zai-org/glm-5.3-flash`	1,048,576 tokens	Light and cheap, good for simple edits.

Setting the model in Codex

The starting model goes in the `model` line of `~/.codex/config.toml`:

```
model = "moonshotai/kimi-k2.7-code"
```

For another one in a single session: `codex -m deepseek-ai/deepseek-v4-pro`. Use the id exactly as it is, with the slash. See **using another model for one session**.

How to choose

1. Start with `moonshotai/kimi-k2.7-code`, made for coding.
2. Move to `deepseek-ai/deepseek-v4-pro` for a big change or a hard bug.
3. For long tasks, with many tools in a row, try `zai-org/glm-5.2`.
4. Use `deepseek-ai/deepseek-v4-flash` or `zai-org/glm-5.3-flash` for short questions and simple edits: they are fast and cheap.

Seeing the full list and the prices

The ids are in the Models tab of **All in One AI** or in the API list. On Linux and macOS:

```
curl "https://api.mozout.co.mz/v1/models?type=text" -H "Authorization: Bearer $MOZOUT_API_KEY"
```

In Windows PowerShell:

```
curl.exe "https://api.mozout.co.mz/v1/models?type=text" -H "Authorization: Bearer $env:MOZOUT_API_KEY"
```

Each model comes with its `id` (always with the slash), its `context_length` and its price in `pricing`. Listing the models spends no credits.

With the Coding Plan, requests to the models in the plan spend points instead of credits, and stronger models spend more points per token. The models that spend points are in the **Plan tab**.

> **!** A model without tools cannot edit files or run commands in Codex. If in doubt, stick to the models in this table.

RECOMMENDED

Want to code with AI in Codex? Visit the Coding with AI page.

See Coding with AI →

SEE ALSO

- Codex CLI with All in One AI: creating config.toml, the key and the model
- Using another model for one Codex session: codex -m
- Choosing a text model: price, context window and what each one is for
- Coding Plan: which plan to choose, what it costs and how to subscribe
- Coding with AI in All in One AI

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TAX ID (NUIT)	401 191 607
LEGAL ENTITY NO. (NUEL)	105 045 974
ECONOMIC ACTIVITY CODE (CAE)	62022
REGISTERED OFFICE	Bairro 7 de Setembro Vilankulo 1304 · CEP 0411-02, Inhambane, Mozambique
CONTACT	info@mozout.co.mz · +258 84 635 1111 · +258 86 635 1111 · www.mozout.co.mz
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