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Generated on 28/11/2026 20:45

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Using another model for one Codex session: codex -m

Codex CLI

CODE	VERSION	COUNTRY · LANGUAGE
RLX-AO-KB-3134	v2026.11.28	Angola · English

Interweb Angola
RLX Angola, Lda. · Group RLX Holdings
Tax ID (NIF) 500 260 5724 · Commercial registration no. 26464-25/250724

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Codex CLI Created on **November 28, 2026** 2 min read



Codex starts with the model in the `model` line of `~/.codex/config.toml`. To use another one just this time, without touching the file, use the `-m` option (or `--model`).

The command

```
codex -m zai-org/glm-5.2
```

The value is the catalogue id, exactly as it is, with the slash. The provider is still the one in the file: only the model changes. It also works in non-interactive mode, with `codex exec -m deepseek-ai/deepseek-v4-flash "..."`.

When to use each model

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.
`deepseek-ai/deepseek-v4-flash`	1,048,576 tokens	Fast and cheap, for background tasks and short questions.

For a model you use often: a profile

A profile is a file next to `config.toml`, named `<profile>.config.toml`. The keys go at the top of the file. For example, `~/.codex/fast.config.toml`:

```
model = "deepseek-ai/deepseek-v4-flash"
```

```
codex --profile fast
```

The profile is layered on top of your `config.toml`, so the provider stays the same.

Checking the model

Inside Codex, `/status` shows the active model and the context still left.

A wrong id gives `404 model_not_found` in Codex. Copy the id from the **Models tab** or from `GET /v1/models`.

`-m` saves nothing. To change the starting model for good, change the `model` line in `~/.codex/config.toml`. With the Coding Plan, the models in the plan spend points and the others spend credits: the list is in the **Plan tab**.

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**
- **Which models to use in Codex CLI: Kimi K2.7 Code, DeepSeek V4 Pro, GLM 5.2 and others**
- **Codex in a project: why .codex/config.toml cannot change the provider**
- **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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