Codex Models

Recommended models

<ModelDetails client:load name="gpt-5.2-codex" slug="gpt-5.2-codex" wallpaperUrl="/images/codex/gpt-5.2-codex.png" description="Most advanced agentic coding model for real-world engineering." data={{ features: [{ title: "Capability", value: "", icons: ["openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled",], }, { title:"Speed", value: "", icons: ["openai.Flash", "openai.Flash", "openai.Flash", "openai.Flash",], }, { title:"Codex CLI & SDK", value: true, }, { title: "Codex IDE extension", value: true }, { title: "Codex Cloud", value: true, }, { title: "ChatGPT Credits", value: true }, { title: "API Access", value: true },], }} /> <ModelDetails client:load name="gpt-5.1-codex-mini" slug="gpt-5.1-codex-mini" description="Smaller, more cost-effective, less-capable version of GPT-5.1-Codex." data={{ features: [{ title: "Capability", value: "", icons: ["openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled",], }, { title:"Speed", value: "", icons: ["openai.Flash", "openai.Flash", "openai.Flash", "openai.Flash", "openai.Flash",], }, { title:"Codex CLI & SDK", value: true, }, { title: "Codex IDE extension", value: true }, { title: "Codex Cloud", value: false, }, { title: "ChatGPT Credits", value: true }, { title: "API Access", value: true },], }} />

Alternative models

{" "}

<ModelDetails client:load name="gpt-5.1-codex-max" slug="gpt-5.1-codex-max" description="Optimized for long-horizon, agentic coding tasks in Codex." collapsible data={{ features: [{ title: "Capability", value: "", icons: ["openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled",], }, { title:"Speed", value: "", icons: ["openai.Flash", "openai.Flash", "openai.Flash", "openai.Flash"], }, { title:"Codex CLI & SDK", value: true, }, { title: "Codex IDE extension", value: true }, { title: "Codex Cloud", value: false, }, { title: "ChatGPT Credits", value: true }, { title: "API Access", value: true },], }} />

<ModelDetails client:load name="gpt-5.2" slug="gpt-5.2" description="Our best general agentic model for tasks across industries and domains." collapsible data={{ features: [{ title: "Capability", value: "", icons: ["openai.SparklesFilled", "openai.SparklesFilled",

"openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled",], }, { title:"Speed", value: "", icons: ["openai.Flash", "openai.Flash", "openai.Flash"], }, { title:"Codex CLI & SDK", value: true, }, { title: "Codex IDE extension", value: true }, { title: "Codex Cloud", value: false, }, { title: "ChatGPT Credits", value: true }, { title: "API Access", value: true },], }} />

<ModelDetails client:load name="gpt-5.1" description="Great for for coding and agentic tasks across domains. Succeeded by GPT-5.2." slug="gpt-5.1" collapsible data={{ features: [{ title: "Capability", value: "", icons: ["openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled",], }, { title:"Speed", value: "", icons: ["openai.Flash", "openai.Flash", "openai.Flash"], }, { title:"Codex CLI & SDK", value: true, }, { title: "Codex IDE extension", value: true }, { title: "Codex Cloud", value: false, }, { title: "ChatGPT Credits", value: true }, { title: "API Access", value: true },], }} /> <ModelDetails client:load name="gpt-5.1-codex" slug="gpt-5.1-codex" description="Optimized for long-running, agentic coding tasks in Codex. Succeeded by GPT-5.1-Codex-Max." collapsible data={{ features: [{ title: "Capability", value: "", icons: ["openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled",], }, { title:"Speed", value: "", icons: ["openai.Flash", "openai.Flash", "openai.Flash"], }, { title:"Codex CLI & SDK", value: true, }, { title: "Codex IDE extension", value: true }, { title: "Codex Cloud", value: true, }, { title: "ChatGPT Credits", value: true }, { title: "API Access", value: true },], }} /> <ModelDetails client:load name="gpt-5-codex" slug="gpt-5-codex" description="Version of GPT-5 tuned for long-running, agentic coding tasks. Succeeded by GPT-5.1-Codex." collapsible data={{ features: [{ title: "Capability", value: "", icons: ["openai.SparklesFilled", "openai.SparklesFilled", "openai.SparklesFilled",], }, { title:"Speed", value: "", icons: ["openai.Flash", "openai.Flash", "openai.Flash"], }, { title:"Codex CLI & SDK", value: true, }, { title: "Codex IDE extension", value: true }, { title: "Codex Cloud", value: false, }, { title: "ChatGPT Credits", value: true }, { title: "API Access", value: true },], }} />

```
<ModelDetails
  client:load
  name="gpt-5-codex-mini"
  slug="gpt-5-codex"
  description="Smaller, more cost-effective version of GPT-5-Codex.
Succeeded by GPT-5.1-Codex-Mini."
  collapsible
  data={{
    features: [
      {
        title: "Capability",
        value: "",
        icons: [
          "openai.SparklesFilled",
          "openai.SparklesFilled",
        ],
```

```
      },
      { title: "Speed", value: "", icons: ["openai.Flash",
"openai.Flash", "openai.Flash", "openai.Flash"] },
      {
        title: "Codex CLI & SDK",
        value: true,
      },
      { title: "Codex IDE extension", value: true },
      {
        title: "Codex Cloud",
        value: false,
      },
      { title: "ChatGPT Credits", value: true },
      { title: "API Access", value: false },
    ],
  }}
/>

<ModelDetails
  client:load
  name="gpt-5"
  slug="gpt-5"
  description="Reasoning model for coding and agentic tasks across
domains. Succeeded by GPT-5.1."
  collapsible
  data={{
    features: [
      {
        title: "Capability",
        value: "",
        icons: [
          "openai.SparklesFilled",
          "openai.SparklesFilled",
          "openai.SparklesFilled",
        ],
      },
      { title: "Speed", value: "", icons: ["openai.Flash",
"openai.Flash", "openai.Flash"] },
      {
        title: "Codex CLI & SDK",
        value: true,
      },
      { title: "Codex IDE extension", value: true },
      {
        title: "Codex Cloud",
        value: false,
```

```
      },
      { title: "ChatGPT Credits", value: true },
      { title: "API Access", value: true },
    ],
  }}
/>
```

Other models

Codex works best with the models listed above.

You can also point Codex at any model and provider that supports either the <u>Chat Completions</u> or <u>Responses APIs</u> to fit your specific use case.

Support for the Chat Completions API is deprecated and will be removed in future releases of Codex.

Configuring models

Configure your default local model

The Codex CLI and IDE extension use the same `config.toml` <u>configuration file</u>. To specify a model, add a `model` entry to your configuration file. If no model is specified, the Codex CLI or IDE extension will default to a recommended model.

```
model = "gpt-5.2"
```

Choosing a different local model temporarily

In the Codex CLI, you can use the `/model` command during an active thread to change the model. In the IDE extension, you can use the model selector below the input box to choose your model.

To start a new Codex CLI thread with a specific model or to specify the model for `codex exec` you can use the `--model`/`-m` flag:

```
codex -m gpt-5.1-codex-mini
```

Choosing your model for cloud tasks

There is currently no way to change the default model for Codex Cloud tasks.