Providers › **Synthetic**

Providers

Synthetic

Synthetic exposes Anthropic-compatible endpoints. OpenClaw registers
it as the `synthetic` provider and uses the Anthropic Messages API.

Quick setup

1. Set `SYNTHETIC_API_KEY` (or run the wizard below).

2. Run onboarding:

```
openclaw onboard --auth-choice synthetic-api-key
```

The default model is set to:

```
synthetic/hf:MiniMaxAI/MiniMax-M2.1
```

Config example

```
  env: { SYNTHETIC_API_KEY: "sk-..." },
  agents: {
    defaults: {
      model: { primary: "synthetic/hf:MiniMaxAI/MiniMax-M2.1" },
      models: { "synthetic/hf:MiniMaxAI/MiniMax-M2.1": { alias: "MiniMax M2.1" } }
    },
  },
  models: {
    mode: "merge",
    providers: {
      synthetic: {
        baseUrl: "https://api.synthetic.new/anthropic",
        apiKey: "${SYNTHETIC_API_KEY}",
        api: "anthropic-messages",
        models: [
          {
            id: "hf:MiniMaxAI/MiniMax-M2.1",
            name: "MiniMax M2.1",
            reasoning: false,
            input: ["text"],
            cost: { input: 0, output: 0, cacheRead: 0, cacheWrite: 0 },
            contextWindow: 192000,
            maxTokens: 65536,
          },
        ],
      },
    },
  },
}
```

Note: OpenClaw's Anthropic client appends `/v1` to the base URL, so use `https://api.synthetic.new/anthropic` (not `/anthropic/v1`). If Synthetic changes its base URL, override `models.providers.synthetic.baseUrl`.

Model catalog

All models below use cost 0 (input/output/cache).

Model ID	Context window	Max tokens	Reasoning	Input
hf:MiniMaxAI/MiniMax-M2.1	192000	65536	false	text
hf:moonshotai/Kimi-K2-Thinking	256000	8192	true	text
hf:zai-org/GLM-4.7	198000	128000	false	text
hf:deepseek-ai/DeepSeek-R1-0528	128000	8192	false	text
hf:deepseek-ai/DeepSeek-V3-0324	128000	8192	false	text
hf:deepseek-ai/DeepSeek-V3.1	128000	8192	false	text
hf:deepseek-ai/DeepSeek-V3.1-Terminus	128000	8192	false	text
hf:deepseek-ai/DeepSeek-V3.2	159000	8192	false	text
hf:meta-llama/Llama-3.3-70B-Instruct	128000	8192	false	text
hf:meta-llama/Llama-4-Maverick-17B-128E-Instruct-FP8	524000	8192	false	text
hf:moonshotai/Kimi-K2-Instruct-0905	256000	8192	false	text
hf:openai/gpt-oss-120b	128000	8192	false	text
hf:Qwen/Qwen3-235B-A22B-Instruct-2507	256000	8192	false	text

Model ID	Context window	Max tokens	Reasoning	Input
hf:Qwen/Qwen3-Coder-480B-A35B-Instruct	256000	8192	false	text
hf:Qwen/Qwen3-VL-235B-A22B-Instruct	250000	8192	false	text + image
hf:zai-org/GLM-4.5	128000	128000	false	text
hf:zai-org/GLM-4.6	198000	128000	false	text
hf:deepseek-ai/DeepSeek-V3	128000	8192	false	text
hf:Qwen/Qwen3-235B-A22B-Thinking-2507	256000	8192	true	text

Notes

Model refs use `synthetic/<modelId>`.

If you enable a model allowlist (`agents.defaults.models`), add every model you plan to use.

See **Model providers** for provider rules.

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