



# 申請 Google Gemini API

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# 進入 Google Gemini API 網站

- 使用Chrome 或 Edge 瀏覽器
  - 確認已登入自己的Google帳號
- Google帳號
  - 一個人的gmail，非學校/組織帳號
  - 18歲以上

<https://ai.google.dev/tutorials/setup?hl=zh-tw>



# 取得 Gemini API Key

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這對你有幫助嗎？

## 取得 Gemini API 金鑰

提供意見

您必須具備 API 金鑰，才能使用 Gemini API。只要在 Google AI Studio 中按幾下滑鼠，就能建立金鑰。

在 Google AI Studio 中取得 Gemini API 金鑰

## 設定 API 金鑰

如要進行初步測試，您可以將 API 金鑰硬式編碼，但這僅適用於暫時性使用，因為這不安全。本節的其餘部分將說明如何在本機上將 API 金鑰設為不同作業系統的環境變數。

Linux/macOS - Bash

macOS - Zsh

Windows

Bash 是常見的 Linux 和 macOS 終端機設定。您可以執行下列指令，檢查是否有相關設定檔：

```
$ ~/.bashrc
```

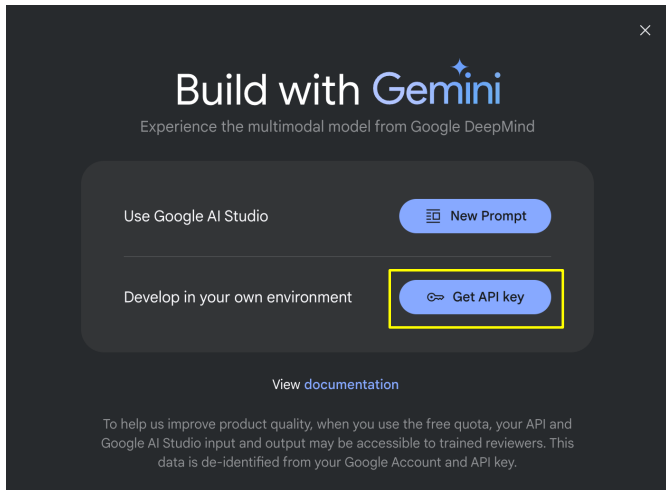


<https://ai.google.dev/tutorials/setup?hl=zh-tw>



# 開始使用 Gemini

- 在開發環境中使用，按下「Get API key」





# 同意相關條款

- 打勾後，按下 Continue

### Legal Notice

#### Things to Know

- You may use the APIs for production use, but Google may enforce rate limits. "Preview" offerings are not available for production use.
- Don't submit sensitive, confidential, or personal information to the APIs. To help with quality, safety, and to improve our products, human reviewers may read, annotate, and process your API input and output. Google takes steps to protect your privacy as part of this process, including disconnecting this data from your Google Account or API key before reviewers see or annotate it.
- Generative AI models are experimental technology and may provide inaccurate or inappropriate information that doesn't represent Google's views.
- Don't rely on the APIs for medical, legal, financial, or other professional advice.
- For enterprise or EDU users whose use of Google Drive is subject to the [Workspace Terms of Service](#) or the [Workspace for Education Terms of Service](#), files you attach to prompts in AI Studio from Google Drive are not used for product improvement purposes.

☒ I consent to the [Generative AI APIs Additional Terms of Service](#) and the [Google APIs Terms of Service](#), and acknowledge that I have read the [Google Privacy Policy](#)

☒ I'd like to receive emails for model updates, offers, useful tips, and news about Google AI

☒ I'd like to receive invitations to participate in research studies to help improve Google AI

Cancel Continue



# 查看規定


- 按下「Create API key」

## API keys

You can create a new project if you don't have one already or add API keys to an existing project. All projects are subject to the [Google Cloud Platform Terms of Service](#), which you agree to when creating a new project, while use of the Gemini API and Google AI Studio is subject to the [Gemini API Terms of Service](#).

Use your API keys securely. Do not share them or embed them in code the public can view.

Starting on May 2, 2024, if you use Gemini API from a project that has billing enabled, your use will be subject to [pay-as-you-go pricing](#).

 Create API key

Your API keys are listed below. You can also view and manage your project and API keys in Google Cloud.

API key	Google Cloud project name	Created	Action
Create an API key to see your projects			

# 安全設定責任

## API keys

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### Safety Setting Reminder



In our [Terms](#), you agree to follow applicable law and our [Use Policy](#). You're still responsible for complying with those requirements if you lower or disable safety filters. Only do so if your intended use case is appropriate and reasonably and consistently requires those safety filter(s) to be lowered or disabled as there may be unintended content generated. [Learn more](#).


Got it



# 在什麼專案中使用

- 依情境勾選，全新使用者「Create API key in new project」
- 產生API key後，即可複製使用


Create an API key in a new project if you don't have one already

 Create API key in new project

or

Select a project from your existing write-access Google Cloud projects

 Search Google Cloud projects

 Create API key in existing project

API key generated



Use your API keys securely. Do not share them or embed them in code the public can view.





# 注意收費規則

- 2024/5/2後
  - 專案有開啟付費：會被收費
  - 專案無開啟付費：免費使用
- 規格可能改變，以官方網站最新公告為主



We're updating our terms of service, effective May 2, 2024, to cover pay-as-you-go options in Gemini API. If your project(s) have billing enabled under your Cloud Billing account(s), associated API usage will be charged starting on that date. Google AI Studio will still be free of charge.

<https://ai.google.dev/pricing?hl=zh-tw>



# Gemini 2.0 Flash

Our most capable multi-modal model with great performance across all tasks, with a 1 million token context window, and built for the era of Agents.

	Free Tier	Paid Tier, per 1M tokens in USD
Input price	Free of charge	\$0.10 (text / image / video) \$0.70 (audio)
Output price	Free of charge	\$0.40
Context caching price	Free of charge	\$0.025 / 1,000,000 tokens (text/image/video) \$0.175 / 1,000,000 tokens (audio) Available March 31, 2025
Context caching (storage)	Free of charge, up to 1,000,000 tokens of storage per hour Available March 31, 2025	\$1.00 / 1,000,000 tokens per hour Available March 31, 2025
Tuning price	Not available	Not available
Grounding with Google Search	Free of charge, up to 500 RPD	1,500 RPD (free), then \$35 / 1,000 requests
Used to improve our products	Yes	No

<https://ai.google.dev/pricing?hl=zh-tw>