
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
WASHINGTON, D.C. 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE
SECURITIES EXCHANGE ACT OF 1934**

For the month of December 2025

Commission File Number: 001-39127

Canaan Inc.

**28 Ayer Rajah Crescent
#06-08
Singapore 139959**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F

Form 40-F

EXHIBITS

Exhibit No.

Description

[Exhibit 99.1](#)

[Canaan Inc. Renews Its US\\$30 Million Share Buyback Program](#)

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Canaan Inc.

By: /s/ Nangeng Zhang

Name: Nangeng Zhang

Title: Chairman and Chief Executive Officer

Date: December 17, 2025



Canaan Inc. Renews Its US\$30 Million Share Buyback Program

Renewal demonstrates confidence in the Company's long-term value and strategic progress

SINGAPORE, December 17, 2025 /PRNewswire/ -- Canaan Inc. (NASDAQ: CAN) ("Canaan" or the "Company"), an innovator in crypto mining, today announced that its board of directors (the "Board") has authorized a share repurchase program under which the Company may buy back up to US\$30 million worth of its outstanding American depositary shares ("ADSs"), each representing 15 Class A ordinary shares, or Class A ordinary shares, over the next 12 months starting December 12, 2025. This initiative underscores the Company's strong financial position, solid operational performance in the third quarter of 2025, and confidence in its ability to create long-term shareholder value.

The Company's previously announced share repurchase program of up to US\$30 million over a six-month period, beginning May 27, 2025 (the "Previous Program"), had expired. Under the Previous Program, the Company had repurchased 6,586,413 ADSs for a total of approximately US\$4.9 million, including 1,505,314 ADSs repurchased for approximately US\$1.5 million between November 19 and November 27 following the announcement of its unaudited financial results for the third quarter 2025 on November 18, 2025.

Nangeng Zhang, chairman and chief executive officer of Canaan, commented, "We think the current market valuation does not capture the progress we have made in strengthening our business. Compared with our publicly listed Bitcoin mining peers, Canaan's valuation remains at the more conservative end relative to its operating footprint. Against a backdrop of continued macroeconomic and industry volatility, we delivered encouraging improvements in our third-quarter performance, expanded global customer engagement, and enhanced product innovation and mining operations. This buyback program reflects our disciplined approach to capital allocation and our unwavering commitment to creating enduring value for our shareholders."

Under the share repurchase program, the Company may repurchase the ADSs representing its Class A ordinary shares through open market transactions at prevailing market prices, privately negotiated transactions, block trades, or any combination thereof. Canaan will execute the repurchase transactions in compliance with the Securities Exchange Act of 1934, as amended, and its insider trading policy. The number of ADSs repurchased and the timing of repurchases will depend on a number of factors, including, but not limited to, price, trading volume, and general market conditions, along with Canaan's working capital requirements and general business conditions. The Company's Board or its management will review the share repurchase program periodically and may authorize an adjustment of its terms and size as appropriate. The Company plans to fund the repurchases with its existing cash balance.

About Canaan Inc.

Established in 2013, Canaan Inc. (NASDAQ: CAN), is a technology company focusing on ASIC high-performance computing chip design, chip research and development, computing equipment production, and software services. Canaan has extensive experience in chip design and streamlined production in the ASIC field. In 2013, Canaan's founding team shipped to its customers the world's first batch of mining machines incorporating ASIC technology under the brand name Avalon and, today, the Company's machines have the second largest share of the global bitcoin mining market. In 2019, Canaan completed its initial public offering on the Nasdaq Global Market. To learn more about Canaan, please visit <https://www.canaan.io/>.

Safe Harbor Statement

This press release contains forward-looking statements. These statements are made under the "safe harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as "will," "expects," "anticipates," "future," "intends," "plans," "believes," "estimates" and similar statements. Among other things, the business outlook and quotations from management in this announcement, as well as Canaan Inc.'s strategic and operational plans, contain forward-looking statements. Canaan Inc. may also make written or oral forward-looking statements in its periodic reports to the U.S. Securities and Exchange Commission ("SEC") on Forms 20-F and 6-K, in its annual report to shareholders, in press releases and other written materials and in oral statements made by its officers, directors or employees to third parties. Statements that are not historical facts, including statements about Canaan Inc.'s beliefs and expectations, such as expectations with regard to revenue or mining hash rate deployment, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties. A number of factors could cause actual results to differ materially from those contained in any forward-looking statement, including but not limited to the following: the Company's goals and strategies; the Company's future business development, the ability of the Company to execute against its goals, financial condition and results of operations; the expected growth of the bitcoin industry and the price of bitcoin; the Company's expectations regarding demand for and market acceptance of its products, especially its bitcoin mining machines; the Company's expectations regarding maintaining and strengthening its relationships with production partners and customers; the Company's investment plans and strategies, fluctuations in the Company's quarterly operating results; competition in its industry; changing macroeconomic and geopolitical conditions, including evolving international trade policies and the implementation of increased tariffs, import restrictions, and retaliatory trade actions; and relevant government policies and regulations relating to the Company and cryptocurrency. Further information regarding these and other risks is included in the Company's filings with the SEC. All information provided in this press release and in the attachments is as of the date of this press release, and Canaan Inc. does not undertake any obligation to update any forward-looking statement, except as required under applicable law.

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