# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

# 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 April 2023 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 20-F

# **Exhibit Index**

Exhibit No.	Description
Exhibit 99.1	Letter Indicating Restatement of Fourth Quarter and Full year 2022 Financial Results
Exhibit 99.2	Financial Statement for Fourth Quarter and Full year 2022
Exhibit 99.3	Management Discussion and Analysis for Fourth Quarter and Full year 2022

## 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: April 19, 2023

We would like to note investors that after the announcement of our unaudited fourth quarter and full year 2022 financial results on March 7, 2023, as we continued to experience a decline in the demand for our Bitcoin mining machines amidst continued Bitcoin price fluctuation, we had to offer additional discounts in our A12 machine series in late March 2023, which in turn led to a further write-down to our inventories and related prepayments based on the most recent subsequent selling price, compared to the inventories write-down we had recorded based on the earlier selling price level.

As such, we recorded inventories write-down, prepayment write-down and provision for reserve for inventory purchase commitments of RMB629.4 million in 2022. The effects of the restatement: (i) increased cost of revenues for the three months ended December 31, 2022 from RMB622.8 million to RMB823.0 million, and cost of revenues for the year ended December 31, 2022 from RMB2,631.0 million to RMB2,831.1 million, (ii) increased net loss for the three months ended December 31, 2022 from RMB438.3 million to RMB610.2 million, and decreased net income for the year ended December 31, 2022 from RMB658.2 million to RMB486.3 million, (iii) decreased inventories as of December 31, 2022 from RMB1,512.1 million to RMB1,474.0 million, (iv) increased deferred tax assets as of December 31, 2022 from RMB123.2 million to RMB151.4 million, and (v) increased accrued liabilities and other current liabilities as of December 31, 2022 from RMB260.9 million to RMB336.7 million.

## CANAAN INC.

# UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS

(all amounts in thousands, except share and per share data, or as otherwise noted)

	As of December 31,	As of December 31,	
	2021	2022	2022
	RMB	RMB	US\$
ASSETS			
Current assets:			
Cash and cash equivalents	2,684,342	707,261	102,543
Restricted cash	47,362	-	-
Accounts receivable, net	367	-	-
Inventories	812,363	1,473,990	213,708
Prepayments and other current assets	1,729,027	1,689,079	244,893
Total current assets	5,273,461	3,870,330	561,144
Non-current assets:			
Cryptocurrency	20,310	87,273	12,653
Property, equipment and software	185,566	597,988	86,700
Right-of-use assets, net	30,920	29,600	4,292
Deferred tax assets	99,044	151,410	21,952
Other non-current assets	2,956	17,437	2,528
Non-current financial investment	20,000	20,000	2,900
Total non-current assets	358,796	903,708	131,025
Total assets	5,632,257	4,774,038	692,169
LIABILITIES, AND SHAREHOLDERS' EQUITY			
Current liabilities			
Accounts payable	143,441	116,333	16,867
Contract liabilities	1,340,731	4,613	669
Income tax payable	148,719	50,340	7,299
Accrued liabilities and other current liabilities	437,394	336,705	48,814
Lease liabilities, current	14,819	16,118	2,337
Total current liabilities	2,085,104	524,109	75,986
Non-current liabilities:	2,003,104	324,103	75,500
Lease liabilities, non-current	16,292	10,039	1,456
Warrant liability	66,347	10,033	1,450
Other non-current liabilities	5,824	4,163	604
	2,173,567	538,311	78,046
Total liabilities	2,173,367	550,511	/0,040
Shareholders' equity:			
Ordinary shares (US\$0.00000005 par value; 1,000,000,000,000 shares authorized,			
2,804,138,492 shares issued, 2,577,386,552 and 2,496,001,757 shares outstanding as of			
December 31, 2021 and December 31, 2022, respectively)	1	1	-
Subscriptions receivable from shareholders	(1)	(1)	-
Treasury stocks (US\$0.00000005 par value; 226,751,940 shares as of December 31, 2021			
and 308,136,735 shares as of December 31, 2022, respectively)	(231,281)	(380,538)	(55,173)
Additional paid-in capital	2,891,134	3,298,531	478,242
Statutory reserves	97,420	102,586	14,874
Accumulated other comprehensive loss	(101,925)	(4,844)	(702)
Retained earnings	803,342	1,219,992	176,882
Total shareholders' equity	3,458,690	4,235,727	614,123
	5,632,257	4,774,038	692,169

### CANAAN INC.

# UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME/(LOSS)

(all amounts in thousands of RMB, except share and per share data, or as otherwise noted)

Page		For the Three Months Ended			
Revenues         Revenues         Products revenue         915,992         319,558         46,3           Mining revenue         15,409         62,018         72,150         10,40           Other revenues         238         197         218         -10,40           Other revenues         2,184,555         978,207         391,926         56,8           Cost of revenue         (697,606)         (758,871)         (822,979)         (119,3           Cost of revenue         (697,606)         (758,871)         (822,979)         (119,3           Gross profit(os)         1,486,949         29,333         (343,1053)         (62,4           Operating expenses         (112,071)         (118,084)         (223,479)         (32,4           Sales and marketing expenses         (112,071)         (118,084)         (223,479)         (32,4           Sales and marketing expenses         (130,995)         (142,690)         (10,2375)         (22,5           Sales and marketing expenses         (130,995)         (142,690)         (112,76)         (1,6           General and administrative expenses         (130,995)         (142,690)         (10,275)         (2,55           Impairment on cryptocurrency         2,12,225         (66,977)         (835,8		December 31,	September 30,	December 31,	December 31,
Revenue         2,168,908         915,992         319,558         46,35           Mining revenue         15,409         62,018         72,150         10,40           Other revenues         238         197         218           Total revenues         (697,606)         (758,871)         391,926         56,88           Cost of revenues         (697,606)         (758,871)         322,929         119,32           Cost of revenues         (180,949)         219,336         431,053         622,47           Operating expenses         (112,017)         (118,084)         (223,479)         (32,48           Seasard and development expenses         (30,712)         (14,269)         (162,37)         (32,48           General and administrative expenses         (30,712)         (14,269)         (162,37)         (35,81)           General and administrative expenses         (273,724)         (280,31)         (404,79)         (16,10           General and administrative expenses         (273,724)         (280,31)         (404,79)         (11,27)         (16,10           Incomer/operations         1,218         (56,977)         835,812         (121,1           Incomer/operations         1,296         2,948         7,670         1,1 <th></th> <th>2021</th> <th>2022*</th> <th>2022</th> <th>2022</th>		2021	2022*	2022	2022
Products revenue         2,168,908         915,992         319,558         46.3           Mining revenue         15,409         62,018         72,150         10,4           Other revenues         238         197         218           Total revenues         2,184,555         978,207         391,926         56.8           Cost of revenues         (697,606)         (758,87)         391,926         56.8           Cost of revenues         (112,017)         (118,084)         (32,297)         (11,93           Cost of revenues         (12,017)         (11,429)         (76.29)         (1,1           General and administrative expenses         (130,995)         (142,690)         (162,375)         (23.5           Impairment on cryptocurrency         -         (12,099)         (266,313)         (404,759)         (36.6           Income (loss) from opera		RMB	RMB	RMB	US\$
Mining revenue         15,409         62,018         72,150         10.4           Other revenues         2,184,555         978,207         319,326         56,88           Cost or evenues         (697,606)         75,8871         (822,979)         (119,30           Gross profit/(tos)         1,486,99         219,336         (32,305)         62,24           Operating expenses         (112,017)         (118,084)         (223,479)         32,24           Sales and marketing expenses         (112,017)         (118,084)         (223,479)         43,24           General and administrative expenses         (130,995)         (14,609)         (162,375)         (23,5           Ingain and conceptorurency         -         (11,290)         (11,276)         (1,6           Gorid operating expenses         (30,712)         (286,331)         (404,759)         (286,60)           Income/loss pronoperation         1,213,225         (66,977)         (33,512)         (212,11           Interest income         1,986         2,948         7,670         1,11           Interest income         4,996         1,11,197         2,653         3,88           Interest expense         4         4,190         1,11,197         2,653         3,88	Revenues				
Other revenues         238         197         218           Total revenues         6,697,606         758,207         391,926         56.8           Cost of revenues         (697,606)         (758,871)         (822,979)         (119,306)           Gross profit/(loss)         1,486,949         219,336         (431,053)         (62,442)           Operating expenses         1         (112,017)         (118,084)         (223,479)         (32,453)           Sales and marketing expenses         (30,712)         (14,249)         (7,629)         (1,1           General and administrative expenses         (30,712)         (14,249)         (7,629)         (1,1           General and administrative expenses         (130,995)         (140,690)         (162,375)         (23,5           Impairment on cryptocurrency         -         (11,290)         (11,276)         (1,5           General and administrative expenses         (273,724)         (286,313)         (404,759)         (58,6           Impairment on cryptocurrency         -         (11,290)         (11,276)         (12,6           Interest income         1,246,281         2,948         7,670         (23,8           Interest income         1,246,287         3,887         (785,522)	Products revenue		915,992		46,332
Total revenues         2,184,555         978,07         391,926         56,8           Cots of revenues         (697,606)         (758,871)         (822,979)         (119,3           Gross profit/(loss)         1,486,949         219,336         (343,053)         (62,47           Operating expenses         (112,017)         (118,084)         (223,479)         (32,48           Sales and marketing expenses         (30,712)         (14,249)         (7,629)         (11,18           General and administrative expenses         (30,712)         (14,249)         (7,629)         (21,18           General and administrative expenses         (30,712)         (14,249)         (162,375)         (23,5           Ingainment on cryptocurrency         -         (11,290)         (11,276)         (41,6           Total operating expenses         (273,224)         (266,317)         (38,3812)         (121,1           Income/(loss) from operations         1,218,225         (66,977)         (835,812)         (121,1           Income/(loss) from operations         1,1986         2,948         7,670         1,1           Interest expense         246         -         -         -           Interest principle of warrant liability         2,142,247         38,887	Mining revenue	· · · · · · · · · · · · · · · · · · ·			10,461
Cost of revenues         (697,606)         (75,871)         (822,979)         (119,33)           Gross profit/(loss)         1,486,949         219,336         (431,053)         (62,40)           Operating expenses         (112,017)         (118,084)         (223,479)         (32,4           Sesearch and development expenses         (112,017)         (118,084)         (223,479)         (32,4           Sales and marketing expenses         (30,712)         (14,249)         (76,29)         (1,1,1           General and administrative expenses         (30,3712)         (14,249)         (76,29)         (1,1,6           General and administrative expenses         (130,395)         (14,249)         (162,375)         (23,5           Impairment on cryptocurrency         -         (11,290)         (11,276)         (1,6           Total operating expenses         (273,724)         (286,313)         (40,475)         (586,6           Income/(loss) from operations         1,213,225         (66,977)         (835,812)         (21,11           Interest expenses         2,46         -         -         -           Foreign exchange gains, net         4,190         101,197         26,583         3,8           Other income, loss before income tax expenses         1,246,287<	Other revenues				32
Gross profit/(loss)         1,486,949         219,336         (431,053)         (62,40)           Operating expenses:         Comparing expenses		2,184,555	978,207	· · · · · · · · · · · · · · · · · · ·	56,825
Operating expenses:         Interest commendation of the commendation of t	Cost of revenues	(697,606)	(758,871)	(822,979)	(119,321)
Research and development expenses         (112,017)         (118,084)         (223,479)         (32,42)           Sales and marketing expenses         (30,712)         (142,690)         (162,375)         (23,52)           Impairment on cryptocurrency         1         (112,090)         (112,700)         (11,676)         (16,675)           Impairment on cryptocurrency         2         (112,202)         (11,270)         (11,276)         (16,675)           Incapaciting expenses         (273,724)         (286,313)         (404,759)         (58,676)           Income/(loss) from operations         1,213,225         (66,977)         (35,812)         (21,11           Interest income         1,986         2,948         7,670         1,11           Interest expense         22,148         -         -           Foreign exchange gains, net         4,490         101,197         26,583         3,88           Other income, net         4,492         1,719         14,037         2,0           Income/(loss) before income tax expenses         1,246,287         38,887         (787,522)         (114,1           Income/(loss) before income tax expenses         1,196,529         46,600         (610,220)         68,4           Total comprehensive income/(loss)	Gross profit/(loss)	1,486,949	219,336	(431,053)	(62,496)
Sales and marketing expenses         (30,712)         (14,249)         (7,629)         (1,1           General and administrative expenses         (130,995)         (142,690)         (162,375)         (23,5           Impairment on cryptocurrency         -         (11,290)         (11,276)         (16,6           Total operating expenses         (273,724)         (286,313)         (404,759)         (58,6           Income/(loss) from operations         1,213,225         (66,977)         (835,812)         (121,1           Interest income         1,986         2,948         7,670         1,1           Change in fair value of warrant liability         22,148         -         -           Change in fair value of warrant liability         22,148         -         -           Interest expense         246         -         -           Foreign exchange gains, net         4,190         101,197         26,583         3,8           Other income, let         4,492         1,719         14,037         2,0           Income/(loss) before income tax expenses         1,246,287         38,887         (787,522)         (114,1           Income (loss)         1,196,529         46,060         (610,220)         88,4           Foreign currency transla					
Ceneral and administrative expenses			(118,084)	(223,479)	(32,401)
Impairment on cryptocurrency		(30,712)	(14,249)	(7,629)	(1,106)
Cotal operating expenses   C23,724   C286,313   C404,759   C8,66,650   C10,000   C10	General and administrative expenses	(130,995)	(142,690)	(162,375)	(23,542)
Name			(11,290)	(11,276)	(1,635)
Interest income         1,986         2,948         7,670         1,1           Change in fair value of warrant liability         22,148         -         -           Interest expense         246         -         -           Foreign exchange gains, net         4,190         101,197         26,583         3,8           Other income, net         4,492         1,719         14,037         2,0           Income/(loss) before income tax expenses         1,246,287         38,887         (787,522)         (114,1           Income tax (expense)/benefit         (49,758)         7,173         177,302         25,7           Net income/(loss)         1,196,529         46,060         6610,220         (88,4           Foreign currency translation adjustment, net of nil tax         (19,930)         94,008         (47,226)         (6,8           Total comprehensive income/(loss)         1,176,599         140,068         (657,446)         (95,3           Weighted average number of shares used in per share         2,602,142,223         2,560,879,920         2,515,312,493         2,515,312,49           — Diluted         2,635,116,905         2,580,542,499         2,515,312,49         2,515,312,49           Net earnings/(loss) per share (cent per share)         45,98         1.80<	Total operating expenses	(273,724)	(286,313)	(404,759)	(58,684)
Change in fair value of warrant liability         22,148         -         -           Interest expense         246         -         -           Foreign exchange gains, net         4,190         101,197         26,583         3,8           Other income, net         4,492         1,719         14,037         2,0           Income/(loss) before income tax expenses         1,246,287         38,887         (787,522)         (114,1           Income tax (expense)/benefit         (49,758)         7,173         177,302         25,7           Net income/(loss)         1,196,529         46,600         (610,220)         (88,4           Foreign currency translation adjustment, net of nil tax         (19,930)         94,008         (47,226)         (68,8           Total comprehensive income/(loss)         1,176,599         140,68         (657,446)         (95,3           Weighted average number of shares used in per share calculation:         2,602,142,223         2,560,879,920         2,515,312,493         2,515,312,49           - Diluted         2,635,116,905         2,580,542,499         2,515,312,493         2,515,312,49           - Basic         45,49         1,78         (24,26)         (3           - Diluted         45,41         1,78         (24,26)	Income/(loss) from operations	1,213,225	(66,977)	(835,812)	(121,180)
Interest expense   246	Interest income	1,986	2,948	7,670	1,112
Foreign exchange gains, net         4,190         101,197         26,583         3,880           Other income, net         4,492         1,719         14,037         2,00           Income/(loss) before income tax expenses         1,246,287         38,887         (787,522)         (114,1           Income tax (expense)/benefit         (49,758)         7,173         177,302         25,7           Net income/(loss)         1,196,529         46,060         6610,220)         68,8           Foreign currency translation adjustment, net of nil tax         (19,930)         94,008         (47,226)         6,8           Total comprehensive income/(loss)         1,176,599         140,068         657,446)         (95,3           Weighted average number of shares used in per share calculation:         2,602,142,223         2,560,879,920         2,515,312,493         2,515,312,49           — Basic         2,635,116,905         2,580,542,499         2,515,312,493         2,515,312,49           Net earnings/(loss) per share (cent per share)         45.98         1.80         (24.26)         (3.           — Diluted         45.98         1.80         (24.26)         (3.           Share-based compensation expenses were included in:         481         405           Cost of revenues <t< td=""><td>Change in fair value of warrant liability</td><td>22,148</td><td>-</td><td>-</td><td>-</td></t<>	Change in fair value of warrant liability	22,148	-	-	-
Other income, net         4,492         1,719         14,037         2,0           Income/(loss) before income tax expenses         1,246,287         38,887         (787,522)         (114,1           Income tax (expense)/benefit         (49,758)         7,173         177,302         25,7           Net income/(loss)         1,196,529         46,060         (610,220)         (88,4           Foreign currency translation adjustment, net of nil tax         (19,930)         94,008         (47,226)         (6,8           Total comprehensive income/(loss)         1,176,599         140,068         (657,446)         (95,3           Weighted average number of shares used in per share calculation:         2,602,142,223         2,560,879,920         2,515,312,493         2,515,312,49           Basic         2,602,142,223         2,580,542,499         2,515,312,493         2,515,312,49           Wet earnings/(loss) per share (cent per share)         45.98         1.80         (24.26)         (3.           Basic         45.98         1.80         (24.26)         (3.           Diluted         45.98         1.80         (24.26)         (3.           Share-based compensation expenses were included in:         2         481         405           Cost of revenues         -	Interest expense	246	-	-	-
1,246,287   38,887   (787,522)   (114,141)     Income tax (expense)/benefit   (49,758)   7,173   177,302   25,75     Net income/(loss)   1,196,529   46,060   (610,220)   (88,45   1,196,599   140,068   (47,226)   (6,88   1,196,599   140,068   (657,446)   (95,38   1,196,599   140,068   (657,446)   (95,38   1,196,599   140,068   (657,446)   (95,38   1,196,599   140,068   (657,446)   (95,38   1,196,599   140,068   (657,446)   (95,38   1,196,599   140,068   (657,446)   (95,38   1,196,599   140,068   (140,599   140,068   140,068   (140,599   140,068   140,068   (140,599   140,068   140,068   (140,599   140,068   140,068   140,068   140,068   (140,599   140,068	Foreign exchange gains, net	4,190	101,197	26,583	3,854
Income tax (expense)/benefit         (49,758)         7,173         177,302         25,7           Net income/(loss)         1,196,529         46,060         (610,220)         (88,4           Foreign currency translation adjustment, net of nil tax         (19,930)         94,008         (47,226)         (6,8           Total comprehensive income/(loss)         1,176,599         140,068         (657,446)         (95,3           Weighted average number of shares used in per share calculation:         2,602,142,223         2,560,879,920         2,515,312,493         2,515,312,49           — Diluted         2,635,116,905         2,580,542,499         2,515,312,493         2,515,312,49           Net earnings/(loss) per share (cent per share)         45.98         1.80         (24.26)         (3.           — Diluted         45.41         1.78         (24.26)         (3.           Share-based compensation expenses were included in:         2         481         405           Research and development expenses         19,614         14,484         14,138         2,0           Sales and marketing expenses         2,123         5,370         4,383         6	Other income, net	4,492	1,719	14,037	2,035
Net income/(loss)         1,196,529         46,060         (610,220)         (88,47)           Foreign currency translation adjustment, net of nil tax         (19,930)         94,008         (47,226)         (6,80)           Total comprehensive income/(loss)         1,176,599         140,068         (657,446)         (95,30)           Weighted average number of shares used in per share calculation:         2,602,142,223         2,560,879,920         2,515,312,493         2,515,312,49           — Diluted         2,635,116,905         2,580,542,499         2,515,312,493         2,515,312,49           Net earnings/(loss) per share (cent per share)         45.98         1.80         (24.26)         (3.           — Diluted         45.94         1.78         (24.26)         (3.           Share-based compensation expenses were included in:         2         481         405           Cost of revenues         481         443         405           Research and development expenses         19,614         14,484         14,138         2,0           Sales and marketing expenses         2,123         5,370         4,383         6		1,246,287	38,887	(787,522)	(114,179)
Foreign currency translation adjustment, net of nil tax  (19,930) (19,930) (19,088) (47,226) (6,88) (657,446) (95,33) (657,446) (95,33) (657,446) (95,33) (95,34) (95,	Income tax (expense)/benefit	(49,758)	7,173	177,302	25,706
Total comprehensive income/(loss)         1,176,599         140,068         (657,446)         (95,30)           Weighted average number of shares used in per share calculation:	Net income/(loss)	1,196,529	46,060	(610,220)	(88,473)
Weighted average number of shares used in per share calculation:         — Basic       2,602,142,223       2,560,879,920       2,515,312,493       2,515,312,44         — Diluted       2,635,116,905       2,580,542,499       2,515,312,493       2,515,312,49         Net earnings/(loss) per share (cent per share)         — Basic       45.98       1.80       (24.26)       (3.         — Diluted       45.41       1.78       (24.26)       (3.         Share-based compensation expenses were included in:         Cost of revenues       -       481       405         Research and development expenses       19,614       14,484       14,138       2,0         Sales and marketing expenses       2,123       5,370       4,383       6	Foreign currency translation adjustment, net of nil tax	(19,930)	94,008	(47,226)	(6,847)
Weighted average number of shares used in per share calculation:         — Basic       2,602,142,223       2,560,879,920       2,515,312,493       2,515,312,44         — Diluted       2,635,116,905       2,580,542,499       2,515,312,493       2,515,312,49         Net earnings/(loss) per share (cent per share)         — Basic       45.98       1.80       (24.26)       (3.         — Diluted       45.41       1.78       (24.26)       (3.         Share-based compensation expenses were included in:         Cost of revenues       -       481       405         Research and development expenses       19,614       14,484       14,138       2,0         Sales and marketing expenses       2,123       5,370       4,383       6	Total comprehensive income/(loss)	1,176,599	140,068	(657,446)	(95,320)
— Basic       2,602,142,223       2,560,879,920       2,515,312,493       2,515,312,44         — Diluted       2,635,116,905       2,580,542,499       2,515,312,493       2,515,312,44         Net earnings/(loss) per share (cent per share)         — Basic       45.98       1.80       (24.26)       (3.         — Diluted       45.41       1.78       (24.26)       (3.         Share-based compensation expenses were included in:         Cost of revenues       -       481       405         Research and development expenses       19,614       14,484       14,138       2,0         Sales and marketing expenses       2,123       5,370       4,383       6	Weighted average number of shares used in per share calculation:				
— Diluted       2,635,116,905       2,580,542,499       2,515,312,493       2,515,312,493         Net earnings/(loss) per share (cent per share)         — Basic       45.98       1.80       (24.26)       (3.20)         — Diluted       45.41       1.78       (24.26)       (3.20)         Share-based compensation expenses were included in:         Cost of revenues       -       481       405         Research and development expenses       19,614       14,484       14,138       2,00         Sales and marketing expenses       2,123       5,370       4,383       6		2,602,142,223	2,560,879,920	2,515,312,493	2,515,312,493
Net earnings/(loss) per share (cent per share)         — Basic       45.98       1.80       (24.26)       (3.00)         — Diluted       45.41       1.78       (24.26)       (3.00)         Share-based compensation expenses were included in:         Cost of revenues       -       481       405         Research and development expenses       19,614       14,484       14,138       2,00         Sales and marketing expenses       2,123       5,370       4,383       6	— Diluted				2,515,312,493
— Diluted       45.41       1.78       (24.26)       (3.78)         Share-based compensation expenses were included in:         Cost of revenues       -       481       405         Research and development expenses       19,614       14,484       14,138       2,0         Sales and marketing expenses       2,123       5,370       4,383       6	Net earnings/(loss) per share (cent per share)				
Share-based compensation expenses were included in:           Cost of revenues         -         481         405           Research and development expenses         19,614         14,484         14,138         2,0           Sales and marketing expenses         2,123         5,370         4,383         6		45.98	1.80	(24.26)	(3.52)
Cost of revenues         -         481         405           Research and development expenses         19,614         14,484         14,138         2,0           Sales and marketing expenses         2,123         5,370         4,383         6	— Diluted	45.41	1.78	(24.26)	(3.52)
Research and development expenses       19,614       14,484       14,138       2,0         Sales and marketing expenses       2,123       5,370       4,383       6	Share-based compensation expenses were included in:				
Sales and marketing expenses 2,123 5,370 4,383 6	Cost of revenues	-	481	405	59
	Research and development expenses	19,614	14,484	14,138	2,050
General and administrative expenses 54.627 84.888 77.622 11.2	Sales and marketing expenses	2,123	5,370	4,383	635
Ochera and administrative expenses 54,027 04,000 77,022 11,2	General and administrative expenses	54,627	84,888	77,622	11,254

The table below sets forth a reconciliation of net income/(loss) to non-GAAP adjusted net income/(loss) for the period indicated:

		For the Three Months Ended		
	December 31, 2021	September 30, 2022	December 31, 2022	December 31, 2022
	RMB	RMB	RMB	US\$
Net income/(loss)	1,196,529	46,060	(610,220)	(88,473)
Share-based compensation expenses	76,364	105,223	96,548	13,998
Change in fair value of warrant liability	(22,148)	-	-	-
Non-GAAP adjusted net income/(loss)	1,250,745	151,283	(513,672)	(74,475)
	2			
	.3			

## CANAAN INC.

# UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(all amounts in thousands of RMB, except share and per share data, or as otherwise noted)

	Fe	For the Years Ended		
	December 31, 2021	December 31, 2022	December 31, 2022	
	RMB	RMB	US\$	
Revenues				
Products revenue	4,956,891	4,159,563	603,080	
Mining revenue	21,688	218,639	31,700	
Other revenues	8,127	705	102	
Total revenues	4,986,706	4,378,907	634,882	
Cost of revenues	(2,135,961)	(2,831,107)	(410,472)	
Gross profit	2,850,745	1,547,800	224,410	
Operating expenses:	<u> </u>			
Research and development expenses	(332,846)	(546,642)	(79,256)	
Sales and marketing expenses	(100,467)	(62,966)	(9,129)	
General and administrative expenses	(589,107)	(580,523)	(84,168)	
Impairment on cryptocurrency	-	(52,959)	(7,678)	
Total operating expenses	(1,022,420)	(1,243,090)	(180,231)	
Income from operations	1,828,325	304,710	44,179	
Interest income	7,310	15,938	2,311	
Change in fair value of warrant liability	190,178	24,598	3,566	
Investment income	277	-	-	
Foreign exchange gains, net	17,890	242,957	35,225	
Other income, net	6,410	22,156	3,212	
Income before income tax expenses	2,050,390	610,359	88,493	
Income tax expense	(50,108)	(124,002)	(17,979)	
Net income	2,000,282	486,357	70,514	
Foreign currency translation adjustment, net of nil tax	(22,145)	97,081	14,075	
Total comprehensive income	1,978,137	583,438	84,589	
Weighted average number of shares used in per share calculation:				
— Basic	2,521,667,815	2,560,106,403	2,560,106,403	
— Diluted	2,576,157,247	2,577,892,069	2,577,892,069	
Net earnings per share (cent per share)	,, - ,	,- , ,	,- , ,	
— Basic	79.32	19.00	2.75	
— Diluted	77.65	18.87	2.74	
Share-based compensation expenses were included in:				
Cost of revenues	269	990	144	
Research and development expenses	99,173	66,065	9,579	
Sales and marketing expenses	8,240	16,263	2,358	
General and administrative expenses	383,779	324,079	46,987	

The table below sets forth a reconciliation of net income to non-GAAP adjusted net income for the years indicated:

		For the Years Ended			
	<b>December 31, 2021</b>	December 31, 2021 December 31, 2022 Dece			
	RMB	RMB	US\$		
Net income	2,000,282	486,357	70,514		
Share-based compensation expenses	491,461	407,397	59,068		
Change in fair value of warrant liability	(190,178)	(24,598)	(3,566)		
Non-GAAP adjusted net income	2,301,565	869,156	126,016		

### MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

This Management Discussion and Analysis of Canaan Inc. (the "Company") provides analysis of the Company's financial results for the three months ended December 31, 2022 and the year ended December 31, 2022. The following information should be read in conjunction with the accompanying unaudited condensed consolidated financial statements.

### **Fourth Quarter 2022 Financial Results**

**Revenues** in the fourth quarter of 2022 were RMB391.9 million (US\$56.8 million), representing a decrease of 59.9% from RMB978.2 million in the third quarter of 2022 and a decrease of 82.1% from RMB2,184.6 million in the same period of 2021.

**Products revenue** in the fourth quarter of 2022 was RMB319.6 million (US\$46.3 million), representing a decrease of 65.1% from RMB916.0 million in the third quarter of 2022 and a decrease of 85.3% from RMB2,168.9 million in the same period of 2021. The decrease compared to the third quarter of 2022 and compared to the fourth quarter of 2021 were mainly due to the decrease in total computing power sold and the lower selling price, which resulted from the declined bitcoin price. AI product revenue decreased from RMB2.4 million in the third quarter of 2022 to RMB1.6 million (US\$0.2 million) in the fourth quarter of 2022.

**Mining revenue** in the fourth quarter of 2022 was RMB72.2 million (US\$10.5 million), representing an increase of 16.3% from RMB62.0 million in the third quarter of 2022 and an increase of 368.2% from RMB15.4 million in the same period of 2021. The increases in mining revenue over the third quarter of 2022 and the fourth quarter of 2021 were mainly attributable to the increased computing power energized for mining.

**Cost of revenues** in the fourth quarter of 2022 was RMB823.0 million (US\$119.3 million), representing an increase of 8.4% from RMB758.9 million in the third quarter of 2022 and an increase of 18.0% from RMB697.6 million in the same period of 2021. The sequential and year-over-year increases in cost of revenues were primarily due to RMB405.5 million of inventory write-down, prepayment write-down and provision for reserve for inventory purchase commitments, as well as RMB74.9 million of depreciation for mining machines deployed for the Company's mining business in the fourth quarter of 2022.

**Gross loss** in the fourth quarter of 2022 was RMB431.1 million (US\$62.5 million), compared to a gross profit of RMB219.3 million in the third quarter of 2022 and a gross profit of RMB1,486.9 million in the same period of 2021.

**Total operating expenses** in the fourth quarter of 2022 were RMB404.8 million (US\$58.7 million), representing an increase of 41.4% from RMB286.3 million in the third quarter of 2022 and an increase of 47.9% from RMB273.7 million in the same period of 2021.

Research and development expenses in the fourth quarter of 2022 were RMB223.5 million (US\$32.4million), representing an increase of 89.3% from RMB118.1 million in the third quarter of 2022 and an increase of 99.5% from RMB112.0 million in the same period of 2021. The sequential increase was primarily attributable to RMB96.0 million one-off research and development expenditure for A13 series products. The year-over-year increase was primarily attributable to increased research and development costs for new products and increased staff costs in technology-related departments, partially offset by decreased share-based compensation expenses. Research and development expenses in the fourth quarter of 2022 also included share-based compensation expenses of RMB14.1 million (US\$2.1 million).

Sales and marketing expenses in the fourth quarter of 2022 were RMB7.6 million (US\$1.1 million), representing a decrease of 46.5% from RMB14.2 million in the third quarter of 2022 and a decrease of 75.2% from RMB30.7 million in the same period of 2021. The sequential and year-over-year decreases were mainly due to decreased staff costs. Sales and marketing expenses in the fourth quarter of 2022 also included share-based compensation expenses of RMB4.4 million (US\$0.6 million).

General and administrative expenses in the fourth quarter of 2022 were RMB162.4 million (US\$23.5 million), representing an increase of 13.8% from RMB142.7 million in the third quarter of 2022 and an increase of 24.0% from RMB131.0 million in the same period of 2021. The sequential increase was mainly due to increased staff costs, partially offset by decreased share-based compensation expenses. The year-over-year increase was mainly due to increased share-based compensation expenses and office expenses, which were partially offset by decreased staff costs. General and administrative expenses in the fourth quarter of 2022 also included share-based compensation expenses of RMB77.6 million (US\$11.3 million).

Impairment on cryptocurrency in the fourth quarter of 2022 was RMB11.3 million (US\$1.6 million), compared to RMB11.3 million in the third quarter of 2022 and nil in the same period of 2021. The impairment was mainly due to the declining bitcoin price during the fourth quarter of 2022.

**Loss from operations** in the fourth quarter of 2022 was RMB835.8 million (US\$121.2 million), compared to a loss from operations of RMB67.0 million in the third quarter of 2022 and an income from operations of RMB1,213.2 million in the same period of 2021.

**Non-GAAP loss from operations** in the fourth quarter of 2022 was RMB739.3 million (US\$107.2 million), compared to a non-GAAP income from operations of RMB38.2 million in the third quarter of 2022 and a non-GAAP income from operations of RMB1,267.4 million in the same period of 2021. Non-GAAP (loss)/income from operations excludes share-based compensation expenses. For further information, please refer to "Use of Non-GAAP Financial Measures" in this press release.

**Foreign exchange gains, net** in the fourth quarter of 2022 was RMB26.6 million (US\$3.9 million), compared with a gain of RMB101.2 million in the third quarter of 2022 and a gain of RMB4.2 million in the same period of 2021, respectively. The foreign exchange gains were due to the US dollar appreciation against the Renminbi since the second quarter of 2022.

**Net loss** in the fourth quarter of 2022 was RMB610.2 million (US\$88.5 million), compared to a net income of RMB46.1 million in the third quarter of 2022 and a net income of RMB1,196.5 million in the same period of 2021.

**Non-GAAP adjusted net loss** in the fourth quarter of 2022 was RMB513.7 million (US\$74.5 million), compared to a non-GAAP adjusted net income of RMB151.3 million in the third quarter of 2022 and a non-GAAP adjusted net income of RMB1,250.7 million in the same period of 2021. Non-GAAP adjusted net (loss)/income excludes share-based compensation expenses and change in fair value of warrant liability. For further information, please refer to "Use of Non-GAAP Financial Measures" in this press release.

**Foreign currency translation adjustment, net of nil tax**, in the fourth quarter of 2022 was a loss of RMB47.2 million (US\$6.8 million), compared with an income of RMB94.0 million in the third quarter of 2022 and a loss of RMB19.9 million in the same period of 2021, respectively. The loss in the fourth quarter of 2022 was due to the US dollar depreciation against the Renminbi during the fourth quarter of 2022.

**Basic net loss per American depositary share ("ADS")** in the fourth quarter of 2022 was RMB3.64 (US\$0.53). In comparison, basic net earnings per ADS in the third quarter of 2022 and in the same period of 2021 were RMB0.27 and RMB6.90, respectively. Each ADS represents 15 of the Company's Class A ordinary shares.

**Diluted net loss per ADS** in the fourth quarter of 2022 was RMB3.64 (US\$0.53). In comparison, diluted net earnings per ADS in the third quarter of 2022 and in the same period of 2021 were RMB0.27 and RMB6.81, respectively. Each ADS represents 15 of the Company's Class A ordinary shares.

### **Full Year 2022 Financial Results**

**Revenues** in the full year of 2022 decreased to RMB4,378.9 million (US\$634.9 million) from RMB4,986.7 million in 2021. The decrease was mainly due to the decline in total computing power sold, which in turn was the result of bitcoin price drop that began in the middle of 2022.

**Products revenue** in the full year of 2022 decreased to RMB4,159.6 million (US\$603.1 million) from RMB4,956.9 million in 2021. Mining equipment product sales revenue in the full year of 2022 decreased to RMB4,150.2 million (US\$601.7 million) from RMB4,939.9 million in 2021, and AI product revenue in the full year of 2022 decreased to RMB9.3 million (US\$1.4 million) from RMB17.0 million in 2021.

**Mining revenue** in the full year of 2022 increased to RMB218.6 million (US\$31.7 million) from RMB21.7 million in 2021. The increase was mainly due to the increased computing power energized for mining.

**Cost of revenues** in the full year of 2022 increased to RMB2,831.1 million (US\$410.5 million) from RMB2,136.0 million in the full year of 2021. The increase was mainly due to RMB629.4 million of inventories write-down, prepayment write-down and provision for reserve for inventory purchase commitment recorded and a depreciation of RMB198.5 million from the Company's growing mining machine fleets for the mining business in the full year of 2022.

Gross profit in the full year of 2022 decreased to RMB1,547.8 million (US\$224.4 million) from RMB2,850.7 million in the full year of 2021.

Total operating expenses in the full year of 2022 increased to RMB1,243.1 million (US\$180.2 million) from RMB1,022.4 million in the full year of 2021.

Research and development expenses in the full year of 2022 increased by 64.2% to RMB546.6 million (US\$79.3 million) from RMB332.8 million in the full year of 2021, primarily due to the increased research and development costs for new products and the increased staff costs in technology-related departments, partially offset by decreased share-based compensation expenses.

Sales and marketing expenses in the full year of 2022 decreased to RMB63.0 million (US\$9.1 million) from RMB100.5 million in the full year of 2021. The decrease was mainly attributable to decreased staff costs, partially offset by increased share-based compensation expenses.

General and administrative expenses in the full year of 2022 decreased to RMB580.5 million (US\$84.2 million) from RMB589.1 million in the full year of 2021. This year-over-year decrease was mainly due to decreased share-based compensation expenses.

Impairment on cryptocurrency in the full year of 2022 was RMB53.0 million (US\$7.7 million), compared to nil in the full year of 2021.

**Income from operations** in the full year of 2022 was RMB304.7 million (US\$44.2 million), compared to an income from operations of RMB1,828.3 million in the full year of 2021.

**Non-GAAP income from operations** in the full year of 2022 was RMB687.5 million (US\$99.7 million), compared to RMB2,129.6 million in the full year of 2021.

**Foreign currency translation adjustment, net of nil tax,** in the full year 2022 was an income of RMB97.1 million (US\$14.1 million), compared to a loss of RMB22.1 million in the full year of 2021.

**Net income attributable to ordinary shareholders** in the full year of 2022 was RMB486.4 million (US\$70.5 million), compared to a net income of RMB2,000.3 million in the full year of 2021.

**Non-GAAP** adjusted net income in the full year of 2022 was RMB869.2 million (US\$126.0 million), compared to a non-GAAP adjusted net income of RMB2,301.6 million in the full year of 2021.

**Basic net earnings per ADS** in the full year of 2022 was RMB2.85 (US\$0.41), compared to basic net earnings per ADS of RMB11.90 in the full year of 2021.

**Diluted net earnings per ADS** in the full year of 2022 was RMB2.83 (US\$0.41), compared to diluted net earnings per ADS of RMB11.65 in the full year of 2021.

As of December 31, 2022, the Company held **cryptocurrency assets** that comprised 757.14 bitcoins, with a carrying value of RMB87.3 million (US\$12.7 million).

As of December 31, 2022, the Company had **cash and cash equivalents** of RMB707.3 million (US\$102.5 million), compared to RMB2,684.3 million as of December 31, 2021.

### **Exchange Rate Information**

This announcement contains translations of certain RMB amounts into U.S. dollars ("US\$") at specified rates solely for the convenience of the reader. Unless otherwise stated, all translations from RMB to US\$ were made at the rate of RMB6.8972 to US\$1.00, the noon buying rate in effect on December 30, 2022, in the H.10 statistical release of the Federal Reserve Board. The Company makes no representation that the RMB or US\$ amounts referred could be converted into US\$ or RMB, as the case may be, at any particular rate or at all.

### Safe Harbor Statement

This announcement 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, 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, 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 in China; 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, including its registration statement on Form F-1, as amended, and its annual reports on Form 20-F, as amended. 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.

### **Use of Non--GAAP Financial Measures**

In evaluating Canaan's business, the Company uses non-GAAP measures, such as adjusted net income/(loss), as supplemental measures to review and assess its operating performance. The Company defines adjusted net income/(loss) as net income/(loss) excluding share-based compensation expenses and change in fair value of warrant liability. The Company believes that the non-GAAP financial measures provide useful information about the Company's results of operations, enhance the overall understanding of the Company's past performance and future prospects and allow for greater visibility with respect to key metrics used by the Company's management in its financial and operational decision-making.

The non-GAAP financial measures are not defined under U.S. GAAP and are not presented in accordance with U.S. GAAP. The non-GAAP financial measures have limitations as analytical tools and investors should not consider them in isolation, or as a substitute for net income, cash flows provided by operating activities or other consolidated statements of operations and cash flows data prepared in accordance with U.S. GAAP. One of the key limitations of using adjusted net income is that it does not reflect all of the items of income and expense that affect the Company's operations. Share-based compensation and change in fair value of warrant liability have been and may continue to be incurred in Canaan's business and are not reflected in the presentation of adjusted net income. Further, the non-GAAP financial measures may differ from the non-GAAP information used by other companies, including peer companies, and therefore their comparability may be limited. The Company mitigates these limitations by reconciling the non-GAAP financial measures to the most comparable U.S. GAAP performance measures, all of which should be considered when evaluating the Company's performance.