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

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**SCHEDULE 13D**

**UNDER THE SECURITIES EXCHANGE ACT OF 1934**  
**(Amendment No. 1)\***

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**RIGETTI COMPUTING, INC.**

(Name of Issuer)

**Common Stock**  
(Class of Securities)

**76655K 103**  
(CUSIP Number)

**Bessemer Venture Partners**  
**1865 Palmer Avenue, Suite 104**  
**Larchmont, NY 10528**  
**(914) 833-5300**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

**November 15, 2024**  
(Date of Event Which Requires Filing of Statement on Schedule 13D)

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If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), checking the following box.

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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(1)	Name of Reporting Persons: Bessemer Venture Partners X Institutional L.P.
(2)	Check the Appropriate Box if a Member of a Group (See Instructions): (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
(3)	SEC Use Only:
(4)	Source of Funds (See Instructions): WC
(5)	Check Box if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e): <input type="checkbox"/>
(6)	Citizenship or Place of Organization: Cayman Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	(7) Sole Voting Power 9,158,754 (1)
	(8) Shared Voting Power 0
	(9) Sole Dispositive Power 9,158,754 (1)
	(10) Shared Dispositive Power 0
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person: 9,158,754 (1)
(12)	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions): <input type="checkbox"/>
(13)	Percent of Class Represented by Amount in Row (11): 4.8% (1)
(14)	Type of Reporting Person (See Instructions): PN

- (1) The percent of class was calculated based on 192,295,809 shares of common stock, par value \$0.0001 per share ("Common Stock") issued and outstanding as of November 7, 2024, as disclosed in the Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission by Rigetti Computing, Inc. on November 12, 2024.

(1)	Name of Reporting Persons: Bessemer Venture Partners X L.P.
(2)	Check the Appropriate Box if a Member of a Group (See Instructions): (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
(3)	SEC Use Only:
(4)	Source of Funds (See Instructions): WC
(5)	Check Box if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e): <input type="checkbox"/>
(6)	Citizenship or Place of Organization: Cayman Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	(7) Sole Voting Power 9,756,471 (1)
	(8) Shared Voting Power 0
	(9) Sole Dispositive Power 9,756,471 (1)
	(10) Shared Dispositive Power 0
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person: 9,756,471
(12)	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions): <input type="checkbox"/>
(13)	Percent of Class Represented by Amount in Row (11): 5.1% (1)
(14)	Type of Reporting Person (See Instructions): PN

- (1) The percent of class was calculated based on 192,295,809 shares of Common Stock issued and outstanding as of November 7, 2024, as disclosed in the Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission by Rigetti Computing, Inc. on November 12, 2024.

(1)	Name of Reporting Persons: Deer X & Co. L.P.
(2)	Check the Appropriate Box if a Member of a Group (See Instructions): (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
(3)	SEC Use Only:
(4)	Source of Funds (See Instructions): AF
(5)	Check Box if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e): <input type="checkbox"/>
(6)	Citizenship or Place of Organization: Cayman Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	(7) Sole Voting Power 18,915,225 (1)
	(8) Shared Voting Power 0
	(9) Sole Dispositive Power 18,915,225 (1)
	(10) Shared Dispositive Power 0
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person: 18,915,225 (1)
(12)	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions): <input type="checkbox"/>
(13)	Percent of Class Represented by Amount in Row (11): 9.8% (1)
(14)	Type of Reporting Person (See Instructions): PN

- (1) The percent of class was calculated based on 192,295,809 shares of Common Stock issued and outstanding as of November 7, 2024, as disclosed in the Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission by Rigetti Computing, Inc. on November 12, 2024.

(1)	Name of Reporting Persons: Deer X & Co. Ltd.
(2)	Check the Appropriate Box if a Member of a Group (See Instructions): (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
(3)	SEC Use Only:
(4)	Source of Funds (See Instructions): AF
(5)	Check Box if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e): <input type="checkbox"/>
(6)	Citizenship or Place of Organization: Cayman Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	(7) Sole Voting Power 18,915,225 (1)
	(8) Shared Voting Power 0
	(9) Sole Dispositive Power 18,915,225 (1)
	(10) Shared Dispositive Power 0
(11)	Aggregate Amount Beneficially Owned by Each Reporting Person: 18,915,225 (1)
(12)	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions): <input type="checkbox"/>
(13)	Percent of Class Represented by Amount in Row (11): 9.8% (1)
(14)	Type of Reporting Person (See Instructions): CO

- (1) The percent of class was calculated based on 192,295,809 shares of Common Stock issued and outstanding as of November 7, 2024, as disclosed in the Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission by Rigetti Computing, Inc. on November 12, 2024.

This Amendment No. 1 (this “Amendment”) to Schedule 13D (the “Schedule 13D”) is being filed by Bessemer Venture Partners X Institutional L.P. (“BVP X Inst”), Bessemer Venture Partners X L.P. (“BVP X”, and together with BVP X Inst, the “BVP X Funds”), Deer X & Co. L.P. (“Deer X LP”), and Deer X & Co. Ltd., (“Deer X Co,” and collectively with the BVP X Funds and Deer X LP, the “Reporting Persons”), which is the general partner of Deer X LP. The transactions described in Item 5(c) resulted in a decrease of over one percent (1%) in the aggregate percentage ownership reported by the Reporting Persons in the Schedule 13D. Capitalized terms used but not otherwise defined in this Amendment shall have the meanings ascribed to them in the Schedule 13D. Except as otherwise specifically amended in this Amendment, items in the Schedule 13D remain unchanged.

#### ITEM 5. INTEREST IN SECURITIES OF THE ISSUER

(a) As of November 15, 2024, BVP X Inst had sole voting and dispositive power with respect to 9,158,754 shares of Common Stock of the Issuer, constituting approximately 4.8% of the Issuer’s Common Stock.

As of November 15, 2024, BVP X had sole voting and dispositive power with respect to 9,756,471 shares of Common Stock of the Issuer, constituting approximately 5.1% of the Issuer’s Common Stock.

As of November 15, 2024, Deer X LP, as the general partner of each of the BVP X Funds may be deemed to have sole voting and dispositive power with respect to all 18,915,225 shares of Common Stock of the Issuer owned by the BVP X Funds, constituting approximately 9.8% of the Issuer’s Common Stock.

As of November 15, 2024, Deer X Co, as the general partner of Deer X LP may be deemed to have sole voting and dispositive power with respect to all 18,915,225 shares of Common Stock of the Issuer owned by the BVP X Funds, constituting approximately 9.8% of the Issuer’s Common Stock.

The percent of class was calculated based on 192,295,809 shares of Common Stock issued and outstanding as of November 7, 2024, as disclosed in the Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission by the Issuer on November 12, 2024.

(b)

Regarding the number of shares as to which such person has:

(i) sole power to vote or to direct the vote: See line 7 of cover sheets

(ii) shared power to vote or to direct the vote: See line 8 of cover sheets

(iii) sole power to dispose or to direct the disposition: See line 9 of cover sheets.

(iv) shared power to dispose or to direct the disposition: See line 10 of cover sheets

(c) Except as set forth in the table below, no Reporting Person has effected any transaction in the Issuer’s Common Stock during the past 60 days.

	<u>Date</u>	<u>Amount of Securities</u>	<u>Price per Share</u>	<u>Where and How Effected</u>
BVP X Inst	11/08/2024	345,663	\$ 1.52*	Disposed in the Open Market
BVP X	11/08/2024	368,223	\$ 1.52*	Disposed in the Open Market
BVP X Inst	11/11/2024	622,736	\$ 1.50*	Disposed in the Open Market
BVP X	11/11/2024	663,885	\$ 1.50*	Disposed in the Open Market
BVP X Inst	11/14/2024	299,229	\$ 1.63*	Disposed in the Open Market
BVP X	11/14/2024	280,896	\$ 1.63*	Disposed in the Open Market
BVP X Inst	11/15/2024	42,061	\$ 1.56*	Disposed in the Open Market
BVP X	11/15/2024	44,807	\$ 1.56*	Disposed in the Open Market

\* The price reported is a weighted average price. These shares were sold in multiple transactions.

(d) No other person is known to have the right to receive or the power to direct the receipt of dividends from, or any proceeds from the sale of, shares of the Issuer’s Common Stock beneficially owned by any of the Reporting Persons.

(e) Not applicable

**ITEM 7. MATERIAL TO BE FILED AS EXHIBITS**

- Exhibit 99.1 Agreement regarding filing of joint Schedule 13D (incorporated by reference to Exhibit 99.1 to Schedule 13D filed by the Reporting Persons with the SEC on March 14, 2022).
- Exhibit 99.2 Amended and Restated Registration Rights Agreement, dated March 2, 2022, by and among New Rigetti, the Sponsor and the other holders party thereto. (incorporated by reference to Exhibit 10.1 of the Current Report on Form 8-K filed by Issuer with the SEC on March 7, 2022).

**SIGNATURE**

After reasonable inquiry and to the best of his knowledge and belief, the undersigned certifies that the information set forth in this Statement is true, complete and correct.

Dated: November 19, 2024

**BESSEMER VENTURE PARTNERS X L.P.**  
**BESSEMER VENTURE PARTNERS**  
**X INSTITUTIONAL L.P.**

By: Deer X & Co. L.P., their General Partner

By: Deer X & Co. Ltd., its General Partner

By: /s/ Scott Ring  
Scott Ring, General Counsel

**DEER X & CO. L.P.**

By: Deer X & Co. Ltd., its General Partner

By: /s/ Scott Ring  
Scott Ring, General Counsel

**DEER X & CO. LTD.**

By: /s/ Scott Ring  
Scott Ring, General Counsel

**Notice Address:**

c/o Bessemer Venture Partners  
1865 Palmer Avenue  
Suite 104  
Larchmont, NY 10538  
Tel. 914-833-5300