SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 1)*

GigCapital8 Corp

(Name of Issuer)

Class A ordinary shares, $0.0001 par value per share

(Title of Class of Securities)

(CUSIP Number)

09/30/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☑ Rule 13d-1(b)
- ☐ Rule 13d-1(c)
- ☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Westchester Capital Management, LLC
2	Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☑ (b)
3	Sec Use Only
4	Citizenship or Place of Organization DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 93,467.00
	6	Shared Voting Power 1,171,765.00
	7	Sole Dispositive Power 93,467.00
	8	Shared Dispositive Power 1,171,765.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 1,265,232.00
10		Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐
11		Percent of class represented by amount in row (9) 4.93 %
12		Type of Reporting Person (See Instructions) IA

Comment for Type of Reporting Person: * Based on 25,657,625 Shares outstanding as of August 5, 2026, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on August 5, 2026.

SCHEDULE 13G

CUSIP No.

1		Names of Reporting Persons Westchester Capital Partners, LLC
2		Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☑ (b)
3		Sec Use Only
4		Citizenship or Place of Organization DELAWARE
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 11,768.00
	6	Shared Voting Power 0.00
	7	Sole Dispositive Power 11,768.00
	8	Shared Dispositive Power 0.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 11,768.00

10 Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

☐

11 Percent of class represented by amount in row (9)

0.05 %

12 Type of Reporting Person (See Instructions)

IA

Comment for Type of Reporting Person: * Based on 25,657,625 Shares outstanding as of August 5, 2026, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on August 5, 2026.

SCHEDULE 13G

Item 1.

(a) Name of issuer:

GigCapital8 Corp

(b) Address of issuer's principal executive offices:

1731 Embarcadero Rd., Suite 200, Palo Alto, CA 94303

Item 2.

(a) Name of person filing:

This statement is being filed jointly by the following (each, a "Reporting Person," and collectively, the "Reporting Persons"): Westchester Capital Management, LLC ("Westchester"), a Delaware limited liability company, and Westchester Capital Partners, LLC ("WCP"), a Delaware limited liability company. Westchester, a registered investment adviser, serves as sub-advisor to each of The Merger Fund ("MF"), The Merger Fund VL ("MF VL"), Virtus Westchester Event-Driven Fund ("EDF"), Virtus Westchester Credit Event Fund ("CEF"), JNL/Westchester Capital Event Driven Fund ("JNL"), JNL Multi-Manager Alternative Fund ("JARB") and Principal Funds, Inc. - Global Multi-Strategy Fund ("PRIN"). WCP, a registered investment adviser, serves as investment adviser to Westchester Capital Master Trust ("Master Trust", together with MF, MF VL, EDF, CEF, JNL, JARB and PRIN, the "Funds"). The Funds directly hold Class A Ordinary Shares of the Company for the benefit of the investors in those Funds. Mr. Roy Behren and Mr. Michael T. Shannon each serve as Co-Presidents of Westchester. Westchester and WCP often make acquisitions in, and dispose of, securities of an issuer on the same terms and conditions and at the same time. Based on the foregoing and the relationships described herein, these parties may be deemed to constitute a "group" for purposes of Section 13(g)(3) of the Act. The filing of this statement shall not be construed as an admission that the Reporting Persons are a group, or have agreed to act as a group.

(b) Address or principal business office or, if none, residence:

Westchester Capital Management, LLC 100 Summit Lake Drive, Valhalla, NY 10595 Westchester Capital Partners, LLC 100 Summit Lake Drive, Valhalla, NY 10595

(c) Citizenship:

Each of Westchester and WCP are organized under the laws of the State of Delaware.

(d) Title of class of securities:

Class A ordinary shares, $0.0001 par value per share

(e) CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

(c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

(d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

(e) ☑ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

(f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);

(g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

Westchester Capital Management, LLC: 1,265,232 Westchester Capital Partners, LLC: 11,768

(b) Percent of class:

Westchester Capital Management, LLC: 4.93% Westchester Capital Partners, LLC: 0.05% %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

Westchester Capital Management, LLC: 93,467 Westchester Capital Partners, LLC: 11,768

(ii) Shared power to vote or to direct the vote:

Westchester Capital Management, LLC: 1,171,765 Westchester Capital Partners, LLC: 0

(iii) Sole power to dispose or to direct the disposition of:

Westchester Capital Management, LLC: 93,467 Westchester Capital Partners, LLC: 11,768

(iv) Shared power to dispose or to direct the disposition of:

Westchester Capital Management, LLC: 1,171,765 Westchester Capital Partners, LLC: 0

Item 5. Ownership of 5 Percent or Less of a Class.

☑ Ownership of 5 percent or less of a class

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Westchester Capital Management, LLC

Signature: /s/ CaSaundra Wu
Name/Title: Chief Compliance Officer
Date: 11/13/2026

Westchester Capital Partners, LLC

Signature: /s/ CaSaundra Wu
Name/Title: Chief Compliance Officer
Date: 11/13/2026

Exhibit A

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) of the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a Statement on Schedule 13G (including any and all amendments thereto) with respect to the Class A Ordinary Shares of GigCapital8 Corp, and further agree that this Joint Filing Agreement shall be included as an Exhibit to such joint filing. In evidence thereof, the undersigned, being duly authorized, hereby execute this Joint Filing Agreement as of November 13, 2026.

Dated: November 13, 2026

WESTCHESTER CAPITAL MANAGEMENT, LLC

By: /s/ CaSaundra Wu
Name: CaSaundra Wu
Title: Chief Compliance Officer

WESTCHESTER CAPITAL PARTNERS, LLC

By: /s/ CaSaundra Wu
Name: CaSaundra Wu
Title: Chief Compliance Officer