

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Applied Digital Corp.

(Name of Issuer)

Common stock, par value \$0.001 per share

(Title of Class of Securities)

038169207

(CUSIP Number)

06/10/2025

(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. 038169207

1	Names of Reporting Persons JANE STREET GROUP, LLC
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input type="checkbox"/> (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 0.00
	6	Shared Voting Power 11,616,116.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 11,616,116.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 11,616,116.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 5.0 %	
12	Type of Reporting Person (See Instructions) HC	

Comment for Type of Reporting Person: Beneficial Ownership includes 6,531,260 warrants. The % ownership calculation is based on 231,601,740 shares outstanding which is based 225,070,480 shares outstanding as of May 30, 2025 as stated in the issuer's 424B3 filing on 2025-06-04, along with dilution of the outstanding shares due to the warrants held.

SCHEDULE 13G

CUSIP No.	038169207
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1	Names of Reporting Persons Jane Street Capital, LLC	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input type="checkbox"/> (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 0.00
	6	Shared Voting Power 118,256.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 118,256.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 118,256.00	

10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>
11	Percent of class represented by amount in row (9) 0.1 %
12	Type of Reporting Person (See Instructions) BD

Comment for Type of Reporting Person: The % ownership calculation is based on 225,070,480 shares outstanding as of May 30, 2025 as stated in the issuer's 424B3 filing on 2025-06-04.

SCHEDULE 13G

CUSIP No.	038169207
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1	Names of Reporting Persons Jane Street Options, LLC	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input type="checkbox"/> (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 0.00
	6	Shared Voting Power 4,966,600.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 4,966,600.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 4,966,600.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 2.2 %	
12	Type of Reporting Person (See Instructions) BD	

Comment for Type of Reporting Person: The % ownership calculation is based on 225,070,480 shares outstanding as of May 30, 2025 as stated in the issuer's 424B3 filing on 2025-06-04.

SCHEDULE 13G

CUSIP No.	038169207
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1	Names of Reporting Persons Jane Street Global Trading, LLC	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input type="checkbox"/> (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 0.00
	6	Shared Voting Power 6,531,260.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 6,531,260.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 6,531,260.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 2.8 %	
12	Type of Reporting Person (See Instructions) OO	

Comment for Type of Reporting Person: Beneficial Ownership includes 6,531,260 warrants. The % ownership calculation is based on 231,601,740 shares outstanding which is based 225,070,480 shares outstanding as of May 30, 2025 as stated in the issuer's 424B3 filing on 2025-06-04, along with dilution of the outstanding shares due to the warrants held.

SCHEDULE 13G

Item 1.

- (a) **Name of issuer:**
Applied Digital Corp.
- (b) **Address of issuer's principal executive offices:**
3811 TURTLE CREEK BLVD., SUITE 2100, DALLAS, TEXAS, 75219.

Item 2.

- (a) **Name of person filing:**
Jane Street Group, LLC; Jane Street Capital, LLC;
Jane Street Options, LLC; Jane Street Global Trading, LLC

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

Jane Street Group, LLC
250 Vesey Street
6th Floor
New York, NY 10281

Jane Street Capital, LLC
250 Vesey Street
6th Floor
New York, NY 10281

Jane Street Options, LLC
250 Vesey Street
6th Floor
New York, NY 10281

Jane Street Global Trading, LLC
250 Vesey Street
6th Floor
New York, NY 10281

(c) **Citizenship:**

See Item 4 of Cover Page

(d) **Title of class of securities:**

Common stock, par value \$0.001 per share

(e) **CUSIP No.:**

038169207

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:**

11616116

(b) **Percent of class:**

5.0 %

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

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

0

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

11616116

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

0

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

11616116

Item 5. 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.

If a parent holding company has filed this schedule, pursuant to Rule 13d-1(b)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

Subsidiary

Jane Street Capital, LLC

Jane Street Options, LLC

Jane Street Global Trading, LLC

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 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.

JANE STREET GROUP, LLC

Signature: Tien-Fu Liu

Name/Title: Managing Director

Date: 06/17/2025

Jane Street Capital, LLC

Signature: Tien-Fu Liu

Name/Title: Managing Director

Date: 06/17/2025

Jane Street Options, LLC

Signature: Tien-Fu Liu
Name/Title: Managing Director
Date: 06/17/2025

Jane Street Global Trading, LLC

Signature: Tien-Fu Liu
Name/Title: Managing Director
Date: 06/17/2025