SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

ODDITY Tech Ltd.

(Name of Issuer)

Class A Ordinary Shares

(Title of Class of Securities)

(CUSIP Number)

06/30/2026

(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 MSD Partners, L.P.	
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	5	Sole Voting Power 0.00

Owned by Each Reporting Person With:	6	Shared Voting Power 1,781,661.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 1,781,661.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 1,781,661.00
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) 5.15 %
12		Type of Reporting Person (See Instructions) PN

SCHEDULE 13G

CUSIP No.

1		Names of Reporting Persons MSD Growth Fund, L.P.
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 0.00
	6	Shared Voting Power 1,781,661.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 1,781,661.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 1,781,661.00
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) 5.15 %

12	Type of Reporting Person (See Instructions)	
	PN	

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Byron D. Trott	
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 UNITED STATES	
Number of Shares Beneficially Owned by Each Reporting Person With:	5 Sole Voting Power 0.00	
	6 Shared Voting Power 1,781,661.00	
	7 Sole Dispositive Power 0.00	
	8 Shared Dispositive Power 1,781,661.00	
9	Aggregate Amount Beneficially Owned by Each Reporting Person 1,781,661.00	
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) 5.15 %	
12	Type of Reporting Person (See Instructions) IN	

SCHEDULE 13G

Item 1.

(a) Name of issuer:

ODDITY Tech Ltd.

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

The Issuer's principal executive office is located at 8 HaHarash Street, Tel Aviv-Jaffa, 6761304, Israel.

Item 2.

(a) Name of person filing:

This Schedule 13G is being jointly filed by and on behalf of each of MSD Partners, L.P. ("MSD Partners"), MSD Growth Fund, L.P. ("MSD Growth Fund") and Byron D. Trott (collectively, the "Reporting Persons"). MSD Growth Fund is the direct owner of the securities covered by this statement. MSD Partners, a wholly-owned subsidiary of BDT & MSD Holdings, L.P. ("BDT & MSD"), is the investment adviser of, and may be deemed to beneficially own securities beneficially owned by, MSD Growth Fund. Mr. Trott is co-CEO of BDT & MSD and also serves as Chairman of BDT & MSD. Mr. Trott maintains investment discretion over the investments in the Issuer of MSD Growth Fund, and therefore may be deemed to beneficially own the Issuer's securities beneficially owned by MSD Growth Fund. The Reporting Persons have entered into a Joint Filing Agreement, dated November 18, 2026, a copy of which is filed with this Schedule 13G as Exhibit 99.1, pursuant to which the Reporting Persons have agreed to file this statement jointly in accordance with the provisions of Rule 13d-1(k)(1) under the Act. Neither the filing of this statement nor anything herein shall be construed as an admission that any person other than the Reporting Persons is, for the purposes of Section 13(d) or 13(g) of the Act or any other purpose, the beneficial owner of any securities covered by this statement.

Address or principal business office or, if none, residence:

(b) The address of the principal business office of each of MSD Partners and MSD Growth Fund is 550 Madison Avenue, 20th Floor, New York, New York 10022. The address of the principal business office of Mr. Trott is 340 Royal Palm Way, Suite 300, Palm Beach, FL 33480.

Citizenship:

(c) MSD Partners is organized as a limited partnership under the laws of the State of Delaware. MSD Growth Fund is organized as a limited partnership under the laws of the State of Delaware. Mr. Trott is a United States citizen.

Title of class of securities:

(d) Class A Ordinary Shares

CUSIP No.:

(e)

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

Amount beneficially owned:

(a) MSD Partners - 1,781,661.00 MSD Growth Fund - 1,781,661.00 Byron D. Trott - 1,781,661.00

Percent of class:

(b) The percentages provided herein are calculated based on 34,577,554 shares of the Issuer's Class A ordinary shares outstanding as of June 12, 2026, as reported in the Issuer's current report on Form 6-K filed with the Securities and Exchange Commission on June 16, 2026. MSD Partners - 5.15% MSD Growth Fund - 5.15% Byron D. Trott - 5.15% %

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

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

MSD Partners - 0.00 MSD Growth Fund - 0.00 Byron D. Trott - 0.00

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

MSD Partners - 1,781,661.00 MSD Growth Fund - 1,781,661.00 Byron D. Trott - 1,781,661.00

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

MSD Partners - 0.00 MSD Growth Fund - 0.00 Byron D. Trott - 0.00

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

MSD Partners - 1,781,661.00 MSD Growth Fund - 1,781,661.00 Byron D. Trott - 1,781,661.00

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.
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:
Not Applicable

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.

MSD Partners, L.P.

Signature: /s/ Robert K. Simonds
Name/Title: Robert K. Simonds/Authorized Signatory
Date: 11/18/2026

MSD Growth Fund, L.P.

Signature: /s/ Robert K. Simonds
Name/Title: Robert K. Simonds/Authorized Signatory
Date: 11/18/2026

Byron D. Trott

Signature: /s/ Byron D. Trott
Name/Title: Byron D. Trott
Date: 11/18/2026

Exhibit Information

Exhibit Information Exhibit Description of Exhibit 99.1 Joint Filing Agreement dated November 18, 2026