

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

Check this box to indicate that a
transaction was made pursuant to a
contract, instruction or written plan
for the purchase or sale of equity
securities of the issuer that is
intended to satisfy the affirmative
defense conditions of Rule 10b5-
1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Nathansohn Guy</u> (Last) (First) (Middle) <u>16 SASHA ARGOV STREET</u> (Street) <u>RISHON</u> <u>LEZION</u> <u>7541211</u> (City) (State) (Zip) <u>ISRAEL</u> (Country)	2. Issuer Name and Ticker or Trading Symbol <u>Nano-X Imaging Ltd. [NNOX]</u> Foreign Trading Symbol 3. Date of Earliest Transaction (Month/Day/Year) <u>10/14/2026</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>Chief Financial Officer</u>
4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Ordinary Shares	10/14/2026		A ⁽¹⁾		50,000	A	\$0	50,000 ⁽²⁾	D	
Ordinary Shares ⁽³⁾								50,000 ⁽⁴⁾	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					

Explanation of Responses:

1. The transaction reported in this row consists of the grant by the Issuer's board of directors to the Reporting Person of 50,000 ordinary shares represented by 50,000 restricted share units ("RSUs") pursuant to the Issuer's 2019 Equity Incentive Plan.
2. Of the 50,000 RSUs representing 50,000 ordinary shares that are reflected in this row, 50% (25,000) vest and settle for underlying ordinary shares on the 12-month anniversary of the grant date (October 14, 2027) and the remaining 50% (25,000) vest and settle for underlying ordinary shares on the 24-month anniversary of the grant date (October 14, 2028), subject, in each case, to the Reporting Person's continuous employment by the Issuer as of the applicable vesting date.
3. There were no transactions effected in respect of the securities reported in this row, and the holdings in this row are being included for informational purposes only.
4. Of the 50,000 RSUs representing 50,000 ordinary shares that are reflected in this row, which were granted to the Reporting Person by the Issuer on July 15, 2026, 50% (25,000) vest and settle for underlying ordinary shares on the 12-month anniversary of the grant date (July 15, 2027) and the remaining 50% (25,000) vest and settle for underlying ordinary shares on the 24-month anniversary of the grant date (July 15, 2028), subject, in each case, to the Reporting Person's continuous employment by the Issuer as of the applicable vesting date.

Remarks:

Exhibit 24.1 - Power of Attorney

/s/ Marina Gofman Feler,
attorney-in-fact

10/14/2026

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints Marina Gofman Feler, Chief Legal Officer of Nano-X Imaging Ltd. (the “**Company**”), with full power of substitution, signing individually, the undersigned’s true and lawful attorney-in-fact and agent to:

1. Prepare, execute in the undersigned’s name and on the undersigned’s behalf, and submit to the Securities and Exchange Commission (the “**SEC**”) Forms 3, 4 and 5 (including amendments thereto and joint filing agreements in connection therewith) in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended and the rules and regulations thereunder (the “**Exchange Act**”) in the undersigned’s capacity as an officer, director or beneficial owner of more than 10% of a registered class of securities of the Company;

2. Do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to execute such Forms 3, 4, or 5, (including any amendments thereto) and timely file such forms with the SEC, and any stock exchange, self-regulatory association or similar authority; and

3. Take any other action of any nature whatsoever in connection with the foregoing that, in the opinion of such attorney-in-fact, may be of benefit, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact’s discretion.

The undersigned hereby grants to such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact’s substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorney-in-fact, and her substitutes, in serving in such capacity at the request of the undersigned, is not assuming (nor is the Company assuming) any of the undersigned’s responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned’s holdings of and transactions in securities issued by the Company, (b) revocation by the undersigned in a signed writing delivered to the foregoing attorney-in-fact, or (c) as to the attorney-in-fact individually, until such attorney-in-fact is no longer employed by the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 15th day of July, 2026.

By: /s/ Guy Nathansohn

Name: Guy Nathansohn