

Mellanox Technologies, Ltd.

Form 4

October 10, 2007

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

## OMB APPROVAL

OMB  
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2005  
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*

Waldman Eyal

(Last) (First) (Middle)

C/O MELLANOX  
TECHNOLOGIES,  
LTD., HERMON BLDG

(Street)

YOKNEAM, L3 20692

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading

Symbol

Mellanox Technologies, Ltd.  
[MLNX]

3. Date of Earliest Transaction

(Month/Day/Year)

10/08/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

☐ Director ☒ 10% Owner  
☒ Officer (give title below) ☐ Other (specify below)

Chief Executive Officer

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	10/08/2007		S <sup>(1)</sup>		10,000	D	\$ 21.37	3,373,771	I by Partnership <sup>(2)</sup>
Ordinary Shares	10/08/2007		S <sup>(1)</sup>		91	D	\$ 21.45	3,373,680	I by Partnership <sup>(2)</sup>
Ordinary Shares	10/08/2007		S <sup>(1)</sup>		3,434	D	\$ 21.5	3,370,246	I by Partnership <sup>(2)</sup>

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Ordinary Shares	10/09/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 20.2	3,360,246	I	by Partnership (2)
Ordinary Shares	10/09/2007	<u>S<sup>(1)</sup></u>	20,000	D	\$ 20.3	3,340,246	I	by Partnership (2)
Ordinary Shares	10/09/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 20.45	3,330,246	I	by Partnership (2)
Ordinary Shares	10/09/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 20.6	3,320,246	I	by Partnership (2)
Ordinary Shares	10/09/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 20.7	3,310,246	I	by Partnership (2)
Ordinary Shares	10/09/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 20.85	3,300,246	I	by Partnership (2)
Ordinary Shares	10/09/2007	<u>S<sup>(1)</sup></u>	9,400	D	\$ 20.95	3,290,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 20.75	3,280,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 20.85	3,270,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	20,000	D	\$ 21	3,250,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	10,000	D	\$ 21.1	3,240,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	12,080	D	\$ 21.3	3,228,766	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	920	D	\$ 21.31	3,227,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	400	D	\$ 21.32	3,227,446	I	by Partnership (2)
Ordinary Shares	10/10/2007	<u>S<sup>(1)</sup></u>	300	D	\$ 21.33	3,227,146	I	by Partnership

Ordinary Shares	10/10/2007	S <sup>(1)</sup>	5,000	D	\$ 21.35	3,222,146	I	(2) by Partnership (2)
Ordinary Shares	10/10/2007	S <sup>(1)</sup>	500	D	\$ 21.37	3,221,646	I	by Partnership (2)
Ordinary Shares	10/10/2007	S <sup>(1)</sup>	700	D	\$ 21.38	3,220,946	I	by Partnership (2)
Ordinary Shares	10/10/2007	S <sup>(1)</sup>	100	D	\$ 21.39	3,220,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	S <sup>(1)</sup>	10,000	D	\$ 21.4	3,210,846	I	by Partnership (2)
Ordinary Shares	10/10/2007	S <sup>(1)</sup>	10,000	D	\$ 22.1	3,200,846	I	by Partnership (2)

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

**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 control number.**

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(9-02)

**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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 6)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Waldman Eyal C/O MELLANOX TECHNOLOGIES, LTD. HERMON BLDG YOKNEAM, L3 20692	X	X	Chief Executive Officer	

## Signatures

/s/ Eyal Waldman by Michael Gray, Power of Attorney

10/10/2007

\_\_\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* 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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 7, 2007.
- (2) Shares held by Waldo 2 Holdings, a general partnership formed pursuant to the laws of Israel of which Mr. Waldman is a general partner. Mr. Waldman has sole voting and dispositive power over all of the shares.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.