

Mellanox Technologies, Ltd.
 Form 4/A
 November 07, 2007

FORM 4

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
GRAY MICHAEL

2. Issuer Name and Ticker or Trading Symbol
**Mellanox Technologies, Ltd.
 [MLNX]**

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
2900 STENDER WAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
09/07/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Chief Financial Officer

SANTA CLARA, CA 95054
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)
09/10/2007

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)	(A) or (D)	5. Amount or Price	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 Ownership (Instr. 4)
Ordinary Shares	09/07/2007		S	600	D	\$ 17	9,957 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007		S	500	D	\$ 17.25	9,457 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007		S	800	D	\$ 17.26	8,657 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007		S	500	D	\$ 17.27	8,157 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007		S	100	D	\$ 17.3	8,057 ⁽¹⁾	I	by Trust ⁽²⁾

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Ordinary Shares	09/07/2007	S	900	D	\$ 17.32	7,157 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	250	D	\$ 17.46	6,907 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	400	D	\$ 17.48	6,507 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	500	D	\$ 17.49	6,007 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	200	D	\$ 17.5	5,807 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	800	D	\$ 17.51	5,007 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	850	D	\$ 17.52	4,157 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	100	D	\$ 17.53	4,057 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	900	D	\$ 17.55	3,157 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	300	D	\$ 17.56	2,857 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	118	D	\$ 17.57	2,739 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	500	D	\$ 17.6	2,239 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	400	D	\$ 17.61	1,839 ⁽¹⁾	I	by Trust ⁽²⁾
Ordinary Shares	09/07/2007	S	1,400	D	\$ 17.66	439 ⁽¹⁾	I	by Trust ⁽²⁾

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

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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	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. Nu Deriv Secur Bene Own Follo Repo
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