

CIENA CORP  
Form 4  
April 24, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 \*  
**SMITH GARY B**

(Last) (First) (Middle)

**C/O CIENA CORPORATION, 1201 WINTERSON ROAD**

(Street)

**LINTHICUM,, MD 21090**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**CIENA CORP [CIEN]**

3. Date of Earliest Transaction (Month/Day/Year)  
**04/23/2008**

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)

**PRESIDENT, CEO**

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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	04/23/2008		M	3,840 A \$ 16.52	173,039	D	
Common Stock	04/23/2008		S <sup>(1)</sup>	3,840 D \$ 33.746	169,199	D	
				(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.**

SEC 1474 (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)	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 16.52	04/23/2008		M	3,840	<sup>(3)</sup> 11/02/2015	Common Stock	3,840

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SMITH GARY B C/O CIENA CORPORATION 1201 WINTERSON ROAD LINTHICUM,, MD 21090	X		PRESIDENT, CEO	

## Signatures

By: Erik Lichter For: Gary B. Smith  
Date: 04/24/2008

\_\_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) Sales were effected pursuant to Rule 10b5-1 trading plan dated June 22, 2007.

Reflects the average sale price of the total shares sold. Actual sale prices are as follows: 100 shares at \$33.85; 100 shares at \$33.93; 100 shares at \$33.86; 100 shares at \$33.89; 100 shares at \$33.83; 100 shares at \$33.80; 100 shares at \$33.98; 100 shares at \$34.00; 81 shares at \$33.91; 100 shares at \$33.90; 100 shares at \$33.97; 100 shares at \$34.00; 100 shares at \$33.89; 100 shares at \$33.78; 100 shares at

(2) \$33.73; 19 shares at \$33.91; 100 shares at \$33.25; 100 shares at \$33.00; 100 shares at \$33.81; 140 shares at \$33.87; 100 shares at \$33.17; 100 shares at \$33.13; 100 shares at \$33.29; 100 shares at \$33.64; 100 shares at \$33.84; 200 shares at \$33.71; 100 shares at \$33.77; 300 shares at \$33.75; 100 shares at \$33.95; 200 shares at \$34.01; 100 shares at \$33.70; 100 shares at \$33.76; 100 shares at \$33.66; 100 shares at \$33.72; and 100 shares at \$33.73.

(3) Option vests in equal monthly amounts over 48 months beginning on November 1, 2005.

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.