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

## SCHEDULE 13G

(Rule 13d-102)

Information Statement Pursuant to Rules 13d-1 and 13d-2 Under the Securities Exchange Act of 1934 (Amendment No. 2 )\*

Ciena Corporation
(Name of Issuer)
Common Stock, \$0.01 par value
(Title of Class of Securities)
171779309
(CUSIP Number)
December 21, 2000
December 31, 2009
Date of Event Which Requires Filing of the Statement
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
[ ] Rule 13d-1(b)
[X] Rule 13d-1(c)
[ ] Rule 13d-1(d)
*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.
The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1.	S.S. OR I.R.S. IDENTIFICATION	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
2.	Citadel Advisors LLC  CHECK THE APPROPRIATE	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) 0					
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF <b>Delaware</b>	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware					
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SOLE VOTING POWER  0  SHARED VOTING POWER  2,413,730 shares				
			SOLE DISPOSITIVE POWER 0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BEN See Row 6 above.	EFICIALL	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  2.6%  2.6%						
12.	TYPE OF REPORTING PERSO	ON					

The percentages reported in this Schedule 13G/A are based upon 93,767,744 shares of Common Stock outstanding (composed of (i) 92,038,629 shares of Common Stock outstanding as of December 11, 2009 (according to the Form 10-K filed by the issuer on December 22, 2009), plus (ii) 1,729,115 shares of Common Stock issuable upon the conversion of the 0.875% Convertible Senior Notes due 2017 held by the Reporting Persons).

<sup>&</sup>lt;sup>2</sup> Citadel Advisors LLC became a registered investment adviser effective as of January 8, 2010.

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Citadel Holdings II LP						
2.	CHECK THE APPROPRIATE B	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) o					
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF C Delaware	DRGANIZ	ATION				
	NUMBER OF	5.	SOLE VOTING POWER 0				
	SHARES BENEFICIALLY OWNED BY EACH		SHARED VOTING POWER  2,413,730 shares				
	REPORTING PERSON WITH	7.	SOLE DISPOSITIVE POWER 0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BENE	FICIALL	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  2.6%						
12.	TYPE OF REPORTING PERSON PN; HC	N					

1.	S.S. OR I.R.S. IDENTIFICATION	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Citadel Derivatives Trading Ltd.					
2.	CHECK THE APPROPRIATE B	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) o					
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF C Cayman Islands	DRGANIZ	ATION				
	NUMBER OF	5.	SOLE VOTING POWER 0				
	SHARES BENEFICIALLY OWNED BY		SHARED VOTING POWER				
	EACH		2,413,730 shares				
	REPORTING PERSON WITH		SOLE DISPOSITIVE POWER 0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BENE See Row 6 above.	EFICIALL	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES				O		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  2.6%						
12.	TYPE OF REPORTING PERSOICO	N					

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Citadel Equity Fund Ltd.						
2.	CHECK THE APPROPRIATE B	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) o					
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF C Cayman Islands	CITIZENSHIP OR PLACE OF ORGANIZATION  Cayman Islands					
	NUMBER OF	5.	SOLE VOTING POWER 0				
	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SHARED VOTING POWER  2,413,730 shares				
			SOLE DISPOSITIVE POWER  0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BENE See Row 6 above.	EFICIALL	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  2.6%						
12.	TYPE OF REPORTING PERSO	N					

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
	Citadel Securities LLC						
2.	CHECK THE APPROPRIATE E	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) o					
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF (  Delaware	ORGANIZ	ATION				
	NUMBER OF	5.	SOLE VOTING POWER 0				
	SHARES BENEFICIALLY OWNED BY		SHARED VOTING POWER				
	EACH REPORTING		2,413,730 shares				
	PERSON WITH		SOLE DISPOSITIVE POWER 0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BEND See Row 6 above.	EFICIALL	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.6%						
12.	TYPE OF REPORTING PERSO	)N					

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
2.		CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) o					
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF (  Delaware	ORGANIZ	ATION				
	NUMBER OF	5.	SOLE VOTING POWER 0				
	SHARES BENEFICIALLY OWNED BY		SHARED VOTING POWER				
	EACH REPORTING		2,413,730 shares				
	REPORTING PERSON WITH		SOLE DISPOSITIVE POWER 0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BEND See Row 6 above.	EFICIALL	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.6%						
12.	TYPE OF REPORTING PERSO	)N					

1.	S.S. OR I.R.S. IDENTIFICATIO	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  Citadel Investment Group II, L.L.C.					
2.	CHECK THE APPROPRIATE E	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) 0					
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF O	ORGANIZ	ATION				
	NUMBER OF	5.	SOLE VOTING POWER 0				
	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SHARED VOTING POWER  2,413,730 shares				
			SOLE DISPOSITIVE POWER 0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BENI See Row 6 above.	EFICIALL	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  2.6%						
12.	TYPE OF REPORTING PERSO	N					

1.	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
2.	Kenneth Griffin  CHECK THE APPROPRIATE B	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) x (b) o					
3.	SEC USE ONLY	· · ·					
4.	CITIZENSHIP OR PLACE OF C U.S. Citizen	)RGANIZ.	ATION				
	NUMBER OF	5.	SOLE VOTING POWER 0				
	SHARES BENEFICIALLY OWNED BY EACH		SHARED VOTING POWER  2,413,730 shares				
	REPORTING PERSON WITH	7.	SOLE DISPOSITIVE POWER  0				
		8.	SHARED DISPOSITIVE POWER See Row 6 above.				
9.	AGGREGATE AMOUNT BENE See Row 6 above.	FICIALLY	Y OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.6%						
12.	TYPE OF REPORTING PERSOI IN; HC	N					

CUSIP NO. 171779309	13G	Page 10 of 13 Pages

### Item 1(a) Name of Issuer

Ciena Corporation

#### Item 1(b) Address of Issuer's Principal Executive Offices

1201 Winterson Road, Linthicum, Maryland 21090

#### Item 2(a) Name of Person Filing

This Schedule 13G/A is being jointly filed by Citadel Advisors LLC ("Citadel Advisors"), Citadel Holdings II LP ("CH-II"), Citadel Derivatives Trading Ltd. ("CDT"), Citadel Equity Fund Ltd. ("CEF"), Citadel Securities LLC ("Citadel Securities"), Citadel Holdings I LP ("CH-I"), Citadel Investment Group II, L.L.C. ("CIG-II") and Mr. Kenneth Griffin (collectively with Citadel Advisors, CH-II, CDT, CEF, Citadel Securities, CH-I and CIG-II, the "Reporting Persons") with respect to shares of Common Stock of the above-named issuer (and/or options to purchase such shares and/or other securities convertible into such shares) owned by CDT, CEF, Citadel Global Equities Master Fund Ltd., a Cayman Islands limited company ("CG"), Citadel Securities and certain segregated accounts.

Citadel Advisors is the investment manager for CEF, CG and certain segregated accounts, and the portfolio manager for CDT. CH-II is the managing member of Citadel Advisors. CH-I is the non-member manager of Citadel Securities. CIG-II is the general partner of CH-I and CH-II. Mr. Griffin is the President and Chief Executive Officer of, and owns a controlling interest in, CIG-II.

#### Item 2(b) Address of Principal Business Office

The address of the principal business office of each of the Reporting Persons is c/o Citadel Investment Group, L.L.C., 131 S. Dearborn Street, 32nd Floor, Chicago, Illinois 60603.

#### Item 2(c) Citizenship

Each of Citadel Advisors, Citadel Securities and CIG-II is organized as a limited liability company under the laws of the State of Delaware. Each of CH-II and CH-I is organized as a limited partnership under the laws of the State of Delaware. Each of CDT and CEF is organized as a limited company under the laws of the Cayman Islands. Mr. Griffin is a U.S. citizen.

#### Item2(d) Title of Class of Securities

Common Stock, \$0.01 par value

#### Item 2(e) CUSIP Number

171779309

Item 3	If this statement is filed	pursuant to Ri	ules 13d-1(b), or	r 13d-2(b) or (c),	check whether t	the person i	tiling is a:
--------	----------------------------	----------------	-------------------	--------------------	-----------------	--------------	--------------

(a)	[_]	Broker or dealer registered under Section 15 of the Exchange Act;
(b)	[ ]	Bank as defined in Section 3(a)(6) of the Exchange Act;

C	USIP NO. 17	1779309	13G	Page 11 of 13 Pages				
	(c)	[_]	Insurance company as defined in Section 3(a)(19) of the	Exchange Act;				
	(d) [_] Investment company registered under Section 8 of the Investment Company Act;			nvestment Company Act;				
	(e) [_] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);							
	(f) [_] An employee benefit plan or endowment fund in accordance with Rule 13			ance with Rule 13d-1(b)(1)(ii)(F);				
			A parent holding company or control person in accordar	on in accordance with Rule 13d-1(b)(1)(ii)(G);				
		A savings association as defined in Section 3(b) of the F						
	(i)							
	(j)	[_]	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).					
	If filing	If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution:						
Item 4	Ownership							
	(a)	(a) The Reporting Persons may be deemed to beneficially own 2,413,730 shares of Common Stock.						
	(b)	The number of shares the Reporting Persons may be deemed to beneficially own constitutes approximately 2.6% of the Common Stock outstanding.						
	(c)	Number of shares as to which the Reporting Persons have:						
		(i)	sole power to vote or to direct the vote: 0					
		(ii)	shared power to vote or to direct the vote: 2,413,730					
		(iii)	sole power to dispose or to direct the disposition of: 0					
		(iv)	shared power to dispose or to direct the disposition of: 2	2,413,730				
Item 5	Owner	ship of Fi	ve Percent or Less of a Class					
	If this s	If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more						

than 5 percent of the class of securities, check the following x.

Item 6

Not Applicable

Ownership of More than Five Percent on Behalf of Another Person

Item 7 Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company

See Item 2 above

Item 8 Identification and Classification of Members of the Group

Not Applicable

Item 9 Notice of Dissolution of Group

Not Applicable

Item 10 Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not

held in connection with or as a participant in any transaction having that purpose or effect.

After reasonable inquiry and to the best of its knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated this 16<sup>th</sup> day of February, 2010.

#### CITADEL ADVISORS LLC

By: Citadel Holdings II LP, its Managing Member

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

#### CITADEL DERIVATIVES TRADING LTD.

By: Citadel Advisors LLC, its Portfolio Manager

By: Citadel Holdings II LP, its Managing Member

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

#### CITADEL SECURITIES LLC

By: Citadel Holdings I LP, its Non-Member Manager

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

#### CITADEL INVESTMENT GROUP II, L.L.C.

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

#### CITADEL HOLDINGS II LP

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

#### CITADEL EQUITY FUND LTD.

By: Citadel Advisors LLC, its Investment Manager

By: Citadel Holdings II LP, its Managing Member

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

#### CITADEL HOLDINGS I LP

By: Citadel Investment Group II, L.L.C.,

its General Partner

By: /s/ John C. Nagel

John C. Nagel, Authorized Signatory

#### KENNETH GRIFFIN

By: /s/ John C. Nagel

John C. Nagel, attorney-in-fact\*

John C. Nagel is signing on behalf of Kenneth Griffin as attorney-in-fact pursuant to a power of attorney previously filed with the Securities and Exchange Commission on February 24, 2006, and hereby incorporated by reference herein. The power of attorney was filed as an attachment to a filing by Citadel Limited Partnership on Schedule 13G for Morgans Hotel Group Co.

#### JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on Schedule 13G/A filed herewith (and any amendments thereto), relating to the Common Stock, \$0.01 par value, of Ciena Corporation, a Delaware corporation, is being filed jointly with the Securities and Exchange Commission pursuant to Rule 13d-1(c) under the Securities Exchange Act of 1934, as amended, on behalf of each of the undersigned.

This Agreement may be executed in counterparts and each of such counterparts taken together shall constitute one and the same instrument.

Dated this 16<sup>th</sup> day of February, 2010.

CITADEL ADVISORS LLC			CITADEL HOLDINGS II LP	
By:	Citadel Holdings II LP, its Managing Member	By:	Citadel Investment Group II, L.L.C., its General Partner	
By:	Citadel Investment Group II, L.L.C., its General Partner	By:	/s/ John C. Nagel John C. Nagel, Authorized Signatory	
By:	/s/ John C. Nagel John C. Nagel, Authorized Signatory			
CITADEL DERIVATIVES TRADING LTD.		CITADEL EQUITY FUND LTD.		
By:	Citadel Advisors LLC, its Portfolio Manager	By:	Citadel Advisors LLC, its Investment Manager	
By:	Citadel Holdings II LP, its Managing Member	By:	Citadel Holdings II LP, its Managing Member	
By:	Citadel Investment Group II, L.L.C., its General Partner	By:	Citadel Investment Group II, L.L.C., its General Partner	
By:	/s/ John C. Nagel John C. Nagel, Authorized Signatory	By:	/s/ John C. Nagel John C. Nagel, Authorized Signatory	
CITADEL SECURITIES LLC		CITADEL HOLDINGS I LP		
By:	Citadel Holdings I LP, its Non-Member Manager	By:	Citadel Investment Group II, L.L.C., its General Partner	
By:	Citadel Investment Group II, L.L.C., its General Partner	Ву:	/s/ John C. Nagel John C. Nagel, Authorized Signatory	
By:	/s/ John C. Nagel John C. Nagel, Authorized Signatory			
CITADEL INVESTMENT GROUP II, L.L.C.			NETH GRIFFIN	
By:	/s/ John C. Nagel John C. Nagel, Authorized Signatory	By:	/s/ John C. Nagel John C. Nagel, attorney-in-fact*	

John C. Nagel is signing on behalf of Kenneth Griffin as attorney-in-fact pursuant to a power of attorney previously filed with the Securities and Exchange Commission on February 24, 2006, and hereby incorporated by reference herein. The power of attorney was filed as an attachment to a filing by Citadel Limited Partnership on Schedule 13G for Morgans Hotel Group Co.