UNITED STATES SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 3
INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

1. Name and Address of Reporting Person
   Sevin Rosen Fund V, L.P.
   Two Galleria Tower
   13455 Noel Road, Suite 1670
   Dallas, TX 75240
2. Date of Event Requiring Statement (Month/Day/Year)
   February 7, 1997
3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Issuer Name and Ticker or Trading Symbol
   CIENA Corporation
   ("CIEN")
5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
   ( ) Director (X) 10% Owner ( ) Officer (give title below) ( ) Other
   (specify below)

6. If Amendment, Date of Original (Month/Day/Year)
   February 5, 1997
7. Individual or Joint/Group Filing (Check Applicable Line)
   (X) Form filed by One Reporting Person
   ( ) Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Beneficially Owned

1. Title of Security	2. Amount of Securities Beneficially Owned	3. Ownership Form: Direct(D) or Indirect(I)	4. Nature of Indirect Beneficial Ownership
Common Stock	204,325	I	By Sevin Rosen Fund IV L.P. (1)

Table II -- Derivative Securitites Beneficially Owned

1.Title of Derivative Security	2.Date Exercisable and Expiration Date(Month/Day/Year)		3.Title and Amount of Underlying Securities		4. Conversion or exercise price of derivative Security	5. Ownership Form of Derivative Security: Direct(D) or Indirect(I)	6. Nature of Indirect Beneficial Ownership
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Convertible Preferred Stock	(2)	(2)	Common Stock	5,743,945		I	By Sevin Rosen Fund IV L.P. (1)
Series B Convertible Preferred Stock	(2)	(2)	Common Stock	3,704,990		I	By Sevin Rosen Fund IV L.P. (1)
Series C Convertible Preferred Stock	(2)	(2)	Common Stock	1,428,570		I	By Sevin Rosen Fund IV L.P. (1)
Series C Convertible Preferred Stock	(2)	(2)	Common Stock	714,285		D	

Explanation of Responses:
(1) Sevin Rosen Fund V L.P. is an affiliate of Sevin Rosen Fund IV L.P. and may be deemed to beneficially own the shares held by such entity.
(2) Upon the closing of the Issuer's initial public offering of its Common Stock, each issued and outstanding share of its convertible preferred stock will automatically convert into five shares of Common Stock.

By: SEVIN ROSEN FUND V L.P.
By: SRB ASSOCIATES V L.P., its general partner
By:/s/ John V. Jaggers, General Partner October 7, 1997
John V. Jaggers, General Partner
SIGNATURE OF REPORTING PERSON
/s/ John V. Jaggers, General Partner
DATE
October 7, 1997