Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL

OWNERSHIP OF SECURITIES

Super Micro Computer, Inc.

Form 5

August 14, 2008

FORM 5 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB 3235-0362 Number:

January 31, Expires: 2005

1.0

Estimated average burden hours per

response...

to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box if

no longer subject

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

1(b).

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Hayes Edward J Jr Symbol Super Micro Computer, Inc. [SMCI] (Check all applicable) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) (Middle)

> (Month/Day/Year) _X__ Director 10% Owner Officer (give title 06/30/2008 Other (specify below) below)

5668 COUNTRY CLUB PKWY.

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting

Filed(Month/Day/Year)

(check applicable line)

SAN JOSE, CAÂ 95138

X Form Filed by One Reporting Person Form Filed by More than One Reporting

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Disposed of (D) Beneficially (D) or Beneficial Code (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year

or (Instr. 3 and 4)

Amount (D) Price

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 2270 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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Security of (D) (Instr. 3, 4, and 5) Title (A) (D) Date Expiration Amount Exercisable Date or Number of Shares Stock Option Common \$ 8.83 Â 7,500 \hat{A} \hat{A} $\frac{(1)}{(1)}$ 02/08/2018 02/08/2008 A4 7,500 Stock (right to buy)

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Hayes Edward J Jr

5668 COUNTRY CLUB PKWY. Â X Â Â

SAN JOSE, CAÂ 95138

Signatures

/s/ Winnie Tsai, as Attorney-in-Fact 08/14/2008

**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) The vesting commencement date is February 8, 2008. The option is exercisable at the rate of 1/4th of the shares on the first anniversary of the vesting commencement date, and the remaining portion will vest with respect to 1/16th in equal quarterly installments thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

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