

Liang Charles
 Form 4
 December 11, 2008

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 *
 Liang Charles

(Last) (First) (Middle)

SUPER MICRO COMPUTER, INC., 980 ROCK AVE.

(Street)

SAN JOSE, CA 95131

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Super Micro Computer, Inc. [SMCI]

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

08/26/2008

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 and 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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V | Amount or Price | | |
| Common Stock | 08/26/2008 | | M | | 350,000 A \$ 0.2 | D | |
| Common Stock | 08/26/2008 | | F | | 6,567 D \$ 10.66 | D | |
| Common Stock | 08/26/2008 | | M | | 575,000 A \$ 0.375 | D | |
| Common Stock | 08/26/2008 | | F | | 20,228 D \$ 10.66 | D | |
| Common Stock | | | | | 330,000 | I | By Spouse |

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| | | | |
|--------------|---------|---|--|
| Common Stock | 600,000 | I | By CL Grantor Retained Trust ⁽¹⁾ |
| Common Stock | 600,000 | I | By CL2 Grantor Retained Trust ⁽¹⁾ |
| Common Stock | 150,000 | I | By Green Earth Charitable Trust ⁽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.

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(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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| | | | | Code | V (A) (D) | Date Exercisable Expiration Date | Title Amount or Number of Shares |
| Stock Option (right to buy) | \$ 0.2 | 08/26/2008 | | M | 350,000 | ⁽³⁾ 12/09/2008 | Common Stock 350,000 |
| Stock Option (right to buy) | \$ 0.375 | 08/26/2008 | | M | 575,000 | ⁽³⁾ 12/09/2008 | Common Stock 575,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Liang Charles SUPER MICRO COMPUTER, INC. | X | X | President and CEO | |

980 ROCK AVE.
SAN JOSE, CA 95131

Signatures

/s/ Winnie Tsai,
Attorney-in-Fact

12/11/2008

__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) These shares are held in the two trusts for the benefit of the reporting person's children. The reporting person's spouse, Chiu-Chu (Sara) Liu Liang, is the trustee of both trusts.
- (2) These shares are owned directly by Green Earth Charitable Trust, and indirectly by the reporting person's spouse, Chiu-Chu (Sara) Liu Liang, as the trustee of the trust.
- (3) The stock option is fully vested.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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