

Tsai Hwei-Ming Fred
 Form 4/A
 May 05, 2010

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 *
 Tsai Hwei-Ming Fred

(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)

04/30/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

05/04/2010

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | (A) or (D) Code V Amount (D) Price | | | |
| Common Stock | 04/30/2010 | | S | 10,000 D | \$ 14.7441 (1) 340,000 | I | By Li-Juan Chi Tsai Trustee and Hwei Ming Tsai Trustee for the benefit of Tsai Family Trust (2) |
| Common Stock | 05/03/2010 | | S | 10,000 D | \$ 14.0601 330,000 | I | By Li-Juan Chi Tsai |

| | | | | | (3) | | | | | Trustee and Hwei Ming Tsai | |
|--------------|------------|---|-------|---|---------------|---------|---|--|--|--|--|
| | | | | | | | | | | Trustee for the benefit of Tsai Family Trust (2) | |
| | | | | | | | | | | By Li-Jiuan Chi Tsai | |
| Common Stock | 05/04/2010 | S | 5,000 | D | \$ 13.673 (4) | 325,000 | I | | | Trustee and Hwei Ming Tsai | |
| | | | | | | | | | | Trustee for the benefit of Tsai Family Trust (2) | |
| Common Stock | | | | | | 30,000 | D | | | | |
| Common Stock | | | | | | 0 (5) | I | | | Fred HM Tsai | |
| | | | | | | | | | | director for F&J Tsai Foundation | |

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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Beneficially (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
| | | | | | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| | | | | | Code V (A) (D) | | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Tsai Hwei-Ming Fred SUPER MICRO COMPUTER, INC. 980 ROCK AVE SAN JOSE, CA 95131 | X | | | |

Signatures

| | |
|---|------------|
| /s/ Winnie Tsai, as Attorney-in-Fact | 05/05/2010 |
| **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 price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$14.20 to \$15.28, inclusive.
 - (2) These shares are held in a trust for the benefit of the reporting person's children. The reporting person and his spouse, Li-Jiuan Chi Tsai, are the trustees of the trust.
 - (3) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$13.82 to \$14.31, inclusive.
 - (4) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$13.46 to \$13.92, inclusive.
- The reporting person is amending the Form 4 originally filed to report that the original filing stated there were 10,000 shares owned in this
- (5) 501(c)(3) charitable foundation. The reporting person is amending this filing and stating that there are 0 shares owned as of the date of the filing.

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.