Tsai Hwei-Ming Fred Form 4 February 11, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

> 10% Owner Other (specify

0.5

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

(Print or Type Responses)

1(b).

(Last)

See Instruction

1. Name and Address of Reporting Person * Tsai Hwei-Ming Fred

> (First) (Middle)

SUPER MICRO COMPUTER, INC., 980 ROCK AVE

(Street)

SAN JOSE, CA 95131

2. Issuer Name and Ticker or Trading

Symbol

Super Micro Computer, Inc. [SMCI]

(Month/Day/Year) 02/09/2011

3. Date of Earliest Transaction

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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

6.

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

below)

_X__ Director

Officer (give title

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

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired (A) Transactionr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

(A) or Code V Amount (D) Price Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)

5. Amount of

Securities

Ownership Form: Direct (D) or Indirect (I) (Instr. 4)

7. Nature of Indirect Beneficial Ownership (Instr. 4)

By Li-Jiuan Chi Tsai Trustee and Hwei

Ming Tsai

Trustee

Common 02/09/2011 M I 5,000 Α \$ 1.25 300,000 Stock

for the benefit of Tsai Family Trust (2)

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Common Stock	02/09/20	011	S	5,000 (1)	D	\$ 15.4677	295,000	I	By Li-Jiua Chi Ts Truste and Hy Ming Truste for the benefit Tsai Family Trust (ai e wei Γsai e t of
Common Stock							25,000	D		
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. 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)	ative Conversion (Month/Day/Year) Execution Date, i ty or Exercise any		4. 5. Number Transaction Derivative Code Securities (Instr. 8) 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)	\$ 1.25	02/09/2011		M		5,000	(3)	06/30/2011	Common Stock	5,000

8. I De Sec (In

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



Signatures

/s/Howard Hideshima, Attorney-In-Fact

02/11/2011

**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 sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan as amended on May 7, 2010.
- (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) Fully exercisable.

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.

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