WIND RIVER SYSTEMS INC Form SC 13G/A February 14, 2007

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 5)*

WIND RIVER SYSTEMS, INC.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

973149 10 7

(CUSIP Number)
December 31, 2006

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

"Rule 13d-1(b)

"Rule 13d-1(c)

x Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page. The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all the provisions of the Act (however, see the Notes).

Page 1 of 5 pages

CUSIP No. 973149 10 7

- 1. Names of Reporting Persons.
 - I.R.S. Identification Nos. of above persons (entities only).

Narendra K. Gupta

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) "
 - (b) "
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

United States

Number of 5. S

5. Sole Voting Power

Shares

419,976**

6. Shared Voting Power

Beneficially

4,403,236***

Owned by

7. Sole Dispositive Power

419,976**

Each

3. Shared Dispositive Power

Reporting

4.403.236***

Person

With

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person
 - 4,823,212 shares, of which beneficial ownership of 927,176 shares is disclaimed
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
- 11. Percent of Class Represented by Amount in Row (9)

5.6%

12. Type of Reporting Person (See Instructions)

ΙN

- ** Includes 7,176 shares held in an account for a daughter under the Uniform Gift to Minors Act, of which Mr. Gupta is a custodian; and 412,800 shares subject to stock options excercisable within 60 days after February 14, 2007.
- *** Includes 3,483,236 shares held by the Narendra and Vinita Gupta Living Trust, dtd 12/2/94, of which Mr. Gupta and his wife are trustees; and 920,000 shares held by the Gupta Irrevocable Children Trust, of which Mr. Gupta his wife, and a third party, are trustees.

Page 2 of 5 pages

Item 1. (a) NAME OF ISSUER

Wind River Systems, Inc.

(b) Address of Issuer s Principal Executive Offices

500 Wind River Way

Alameda, CA 94501

Item 2. (a) NAME OF PERSON FILING

Narendra K. Gupta

(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE

500 Wind River Way

Alameda, CA 94501

(c) CITIZENSHIP

United States

(d) TITLE OF CLASS OF SECURITIES

Common Stock

(e) CUSIP NUMBER

973149 10 7

Item 3. NOT APPLICABLE.

Page 3 of 5 pages

Item 4. OWNERSHIP

(a) AMOUNT BENEFICIALLY OWNED:

4,823,212 shares, of which beneficial ownership of 927,176 shares is disclaimed

(b) PERCENT OF CLASS:

5.6%

- (c) NUMBER OF SHARES AS TO WHICH THE PERSON HAS:
 - (i) Sole power to vote or to direct the vote

419.976**

(ii) Shared power to vote or to direct the vote

4,403,236***

(iii) Sole power to dispose or to direct the disposition of

419,976**

(iv) Shared power to dispose or to direct the disposition of

4,403,236***

Item 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

Not applicable.

Item 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

Not applicable.

Item 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

Not applicable.

Item 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

Not applicable.

Item 9. NOTICE OF DISSOLUTION OF GROUP

Not applicable.

Item 10. CERTIFICATION

Not applicable.

Page 4 of 5 pages

^{**} Includes 7,176 shares held in an account for a daughter under the Uniform Gift to Minors Act, of which Mr. Gupta is a custodian; and 412,800 shares subject to stock options exercisable within 60 days after February 14, 2007.

^{***} Includes 3,483,236 shares held by the Narendra and Vinita Gupta Living Trust, dtd 12/2/94, of which Mr. Gupta and his wife are trustees; and 920,000 shares held by the Gupta Irrevocable Children Trust, of which Mr. Gupta his wife, and a third party, are trustees.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 14, 2007 Date

/s/ Narendra K. Gupta Signature

Narendra K. Gupta Name/Title

Page 5 of 5 pages