UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8 REGISTRATION STATEMENT Under

The Securities Act of 1933

QUANTUM CORPORATION

(Exact name of issuer as specified in its charter)

DELAWARE (State of incorporation) 94-2665054 (I.R.S. Employer Identification Number)

1650 Technology Drive, Suite 800 San Jose, California 95110 (Address of principal executive offices)

Nonemployee Director Equity Incentive Plan Employee Stock Purchase Plan (Full title of the plan(s))

Shawn D. Hall Vice President, General Counsel and Secretary Quantum Corporation 1650 Technology Drive, Suite 800 San Jose, California 95110 (Name and address of agent for service) (408) 944-4000 (Telephone number, including area code, of agent for service)

Copy to:

Steven E. Bochner, Esq. WILSON SONSINI GOODRICH & ROSATI Professional Corporation 650 Page Mill Road Palo Alto, California 94304-1050

CALCULATION OF REGISTRATION FEE

| | Amount to be | Proposed Maximum Offering Price | Proposed Maximum Aggregate | Amount of Registration |
|--|-----------------------|---------------------------------------|----------------------------------|---------------------------|
| Title of Securities to be Registered (1) | Registered (2) | Per Share | Offering Price | Fee |
| QTM Common Stock, par value \$0.01 per share, issuable under the | | | | |
| Nonemployee Director Equity Incentive Plan | 2,000,000 shares (3) | \$3.25(5) | \$6,500,000(5) | \$199.55 |
| QTM Common Stock, par value \$0.01 per share, issuable under the | | | | |
| Employee Stock Purchase Plan | 10,000,000 shares (4) | \$3.25(5) | \$32,500,000(5) | \$997.75 |
| Total: | 12,000,000 shares | | \$39,000,000 | \$1,197.30 |

(1) Each share of QTM Common Stock includes a right to purchase one one-thousandth of a share of Series B Participating Preferred Stock.

(2) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement also covers any additional shares of the Registrant's QTM Common Stock that become issuable pursuant to the Nonemployee Director Equity Incentive Plan or the Employee Stock Purchase Plan by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the Registrant's receipt of consideration that results in an increase in the number of the Registrant's outstanding shares of QTM Common Stock.

(3) Represents additional shares of QTM Common Stock that have become available for issuance under an amendment to the Nonemployee Director Equity Incentive Plan, approved by the Registrant's stockholders on August 17, 2007.

(4) Represents additional shares of QTM Common Stock that have become available for issuance under an amendment to the Employee Stock Purchase Plan, approved by the Registrant's stockholders on August 17, 2007.

(5) Estimated solely for the purpose of calculating the amount of the registration fee pursuant to Rules 457(c) and (h) under the Securities Act on the basis of \$3.25 per share, the average of the high and low prices per share of the Registrant's QTM Common Stock on November 19, 2007, as reported on the New York Stock Exchange.

QUANTUM CORPORATION REGISTRATION STATEMENT ON FORM S-8

PART II

INFORMATION REQUIRED IN REGISTRATION STATEMENT

ITEM 3. Incorporation of Documents by Reference.

There are hereby incorporated by reference in this Registration Statement the following documents and information heretofore filed with the Securities and Exchange Commission (the "Commission") (Quantum Corporation is sometimes referred to herein as the "Company"):

(a) The Company's Annual Report on Form 10-K for the fiscal year ended March 31, 2007, filed with the Commission pursuant to Section 13 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), on June 13, 2007, as amended by Form 10-K/A (Amendment No. 1) for the fiscal year ended March 31, 2007, filed with the Commission pursuant to Section 13 of the Exchange Act on November 21, 2007;

(b) The Company's Current Reports on Form 8-K filed with the Commission on April 4, 2007, May 25, 2007, July 6, 2007, July 13, 2007, July 18, 2007, August 16, 2007, August 23, 2007, August 29, 2007, November 15, 2007 and November 16, 2007;

(c) The Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2007, filed with the Commission pursuant to Section 13 of the Exchange Act on August 9, 2007;

(d) The Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2007, filed with the Commission pursuant to Section 13 of the Exchange Act on November 8, 2007;

(e) The description of the Company's Common Stock and Preferred Share Purchase Rights contained in the Company's Registration Statement on Form 8-A filed with the Commission on July 21, 1999 pursuant to Section 12(b) of the Exchange Act and any amendment or report filed for the purpose of updating any such description.

All documents filed by the Company pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act on or after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement which indicates that all securities offered pursuant to this Registration Statement have been sold or which deregisters all securities then remaining unsold shall be deemed to be incorporated by reference in this Registration Statement shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein modifies or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

ITEM 4. Description of Securities.

Inapplicable.

ITEM 5. Interests of Named Experts and Counsel.

Inapplicable.

ITEM 6. Indemnification of Directors and Officers.

Section 145 of the Delaware General Corporation Law authorizes a court to award, or a corporation's Board of Directors to grant, indemnification to directors and officers in terms sufficiently broad to permit such indemnification under certain circumstances for liabilities (including reimbursement for expenses incurred) arising under the Securities Act of 1933, as amended. The Company's Amended and Restated Certificate of Incorporation contains a provision eliminating the personal liability of the Company's directors to the Company or its stockholders for breach of fiduciary duty as a director to the fullest extent permitted by applicable law. The Company's Bylaws, as amended, provide for the indemnification of its directors, officers, employees and other agents to the maximum extent permitted by Delaware General Corporation Law, and the Company has entered into agreements with its officers, directors and certain key employees implementing such indemnification.

ITEM 7. <u>Exemption from Registration Claimed</u>.

Inapplicable.

ITEM 8. <u>Exhibits</u>.

| Exhibit Number | Description |
|-------------------|--|
| 4.1 | Nonemployee Director Equity Incentive Plan (as amended and restated August 17, 2007), which appears as Appendix A to the Company's Schedule 14A Definitive Proxy Statement, filed with the Commission on July 2, 2007 (as later amended and restated on November 10, 2007 and filed with the Commission on November 15, 2007 as Exhibit 10.2 to the Company's Form 8-K), which exhibit is incorporated herein by reference |
| 4.2 | Employee Stock Purchase Plan (as amended and restated August 17, 2007), which appears as Appendix B to the Company's Schedule 14A Definitive Proxy Statement, filed with the Commission on July 2, 2007, which exhibit is incorporated herein by reference |
| 5.1 | Opinion regarding legality of Wilson Sonsini Goodrich & Rosati, P.C. |
| 23.1 | Consent of Independent Registered Public Accounting Firm |
| 23.2 | Consent of Wilson Sonsini Goodrich & Rosati, P.C. (included in Exhibit 5.1) |
| 24.1 | Power of Attorney (see page II-6) |

ITEM 9. <u>Undertakings</u>.

A. The undersigned Registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for purposes of determining liability under the Securities Act of 1933 to any purchaser, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the Registration Statement as of the date it is first used after effectiveness. Provided, however, that no statement made in a registration statement or prospectus that is part of the Registration Statement or made in a document incorporated or deemed incorporated by reference into the Registration Statement that was made in the Registration Statement or prospectus that was part of the Registration Statement that was made in the Registration Statement or prospectus that was part of the Registration Statement or made in any such document immediately prior to such date of first use.

(5) That, for the purpose of determining liability of the Registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, that in a primary offering of securities of the undersigned Registrant pursuant to this Registration Statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned Registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser: (i) Any preliminary prospectus or prospectus of the undersigned Registrant relating to the offering required to be filed pursuant to Rule 424; (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned Registrant or used or referred to by the undersigned Registrant; (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned Registrant or its securities provided by or on behalf of the undersigned Registrant; and (iv) Any other communication that is an offer in the offering made by the undersigned Registrant to the purchaser.

B. The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee

C. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Company pursuant to the foregoing provisions, or otherwise, the Company has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Company in successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered hereunder, the Company will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question of whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant, Quantum Corporation, a corporation organized and existing under the laws of the State of Delaware, certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of San Jose, State of California, on this 26th day of November, 2007.

QUANTUM CORPORATION

By: /s/ Shawn D. Hall

Shawn D. Hall Vice President, General Counsel and Secretary

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Richard E. Belluzzo and Shawn D. Hall, jointly and severally, his attorneys-in-fact, each with the power of substitution, for him in any and all capacities, to sign any and all amendments to this Registration Statement on Form S-8 (including post-effective amendments), and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that each of said attorneys-in-fact, or his substitute or substitutes, may do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated:

| Signature | Title | Date |
|---|--|-------------------|
| /s/ Richard E. Belluzzo (Richard E. Belluzzo) | Chief Executive Officer and Chairman of the Board (Principal Executive Officer) | November 26, 2007 |
| /s/ Jon W. Gacek (Jon W. Gacek) | Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer) | November 26, 2007 |
| /s/ * (Paul Auvil, III) | Director | November 26, 2007 |
| /s/ * (Michael A. Brown) | _ Director | November 26, 2007 |
| /s/ * (Thomas S. Buchsbaum) | Director | November 26, 2007 |
| /s/ * (Edward M. Esber, Jr.) | Director | November 26, 2007 |
| /s/ * (Elizabeth A. Fetter) | Director | November 26, 2007 |
| /s/ * (Joseph A. Marengi) | Director | November 26, 2007 |
| /s/* (Bruce A. Pasternack) | Director | November 26, 2007 |
| /s/* (Dennis P. Wolf) | Director | November 26, 2007 |
| *By: /s/ Shawn D. Hall (Shawn D. Hall) Attorney-in-Fact | | |

INDEX TO EXHIBITS

| Exhibit Number | Description |
|-------------------|--|
| 4.1 | Nonemployee Director Equity Incentive Plan (as amended and restated August 17, 2007), which appears as Appendix A to the Company's Schedule 14A Definitive Proxy Statement, filed with the Commission on July 2, 2007 (as later amended and restated on November 10, 2007 and filed with the Commission on November 15, 2007 as Exhibit 10.2 to the Company's Form 8-K), which exhibit is incorporated herein by reference |
| 4.2 | Employee Stock Purchase Plan (as amended and restated August 17, 2007), which appears as Appendix B to the Company's Schedule 14A Definitive Proxy Statement, filed with the Commission on July 2, 2007, which exhibit is incorporated herein by reference |
| 5.1 | Opinion regarding legality of Wilson Sonsini Goodrich & Rosati, P.C. |
| 23.1 | Consent of Independent Registered Public Accounting Firm |

- 23.2 Consent of Wilson Sonsini Goodrich & Rosati, P.C. (included in Exhibit 5.1)
- 24.1 Power of Attorney (see page II-6)

RE: REGISTRATION STATEMENT ON FORM S-8

Ladies and Gentlemen:

We have acted as counsel to Quantum Corporation, a Delaware corporation (the "Company" or "you") and have examined the Registration Statement on Form S-8 to be filed by you with the Securities and Exchange Commission on or about November 26, 2007 (the "Registration Statement"), in connection with the registration under the Securities Act of 1933, as amended, of 12,000,000 shares of Quantum Corporation—QTM Common Stock, par value \$0.01 per share (the "Shares"), reserved for issuance under the Nonemployee Director Equity Incentive Plan and the Employee Stock Purchase Plan, as amended (the "Plans").

As your legal counsel, we have examined the instruments, documents and records that we deemed relevant and necessary for the basis of our opinion hereinafter expressed. In such examination, we have assumed the following: (a) the authenticity of original documents and the genuineness of all signatures (b) the conformity to the originals of all documents submitted to us as copies; and (c) the truth, accuracy and completeness of the information, representations and warranties contained in the records, documents, instruments and certificates we have reviewed.

Based on such examination, it is our opinion that, when issued and sold in the manner referred to in the Plans, the Shares will be legally and validly issued, fully paid and nonassessable.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the use of our name wherever it appears in the Registration Statement. In giving such consent, we do not consider that we are "experts" within the meaning of such term as used in the Securities Act of 1933, as amended, or the rules and regulations of the Securities and Exchange Commission issued thereunder, with respect to any part of the Registration Statement, including this opinion as an exhibit or otherwise.

Very truly yours,

/s/ Wilson Sonsini Goodrich & Rosati

WILSON SONSINI GOODRICH & ROSATI Professional Corporation

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Nonemployee Director Equity Incentive Plan and the Employee Stock Purchase Plan of Quantum Corporation of our reports dated June 11, 2007, except for Note 3 of the 2007 consolidated financial statements, as to which the date is November 20, 2007, with respect to the consolidated financial statements and schedule of Quantum Corporation included in its Annual Report (Form 10- K/A, Amendment No. 1) for the year ended March 31, 2007, Quantum Corporation management's assessment of the effectiveness of internal control over financial reporting and the effectiveness of internal control over financial reporting of Quantum Corporation as of March 31, 2007, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Palo Alto, California November 20, 2007