
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

SCHEDULE 13G

**Under the Securities Exchange Act of 1934
(Amendment No.)***

AVIAT NETWORKS, INC.

(Name of Issuer)

COMMON STOCK
(Title of Class of Securities)

05366Y102
(CUSIP Number)

Paul Friedman
BlueMountain Capital Management, LLC
280 Park Avenue, 5th Floor East
New York, New York 10017
Telephone: 212-905-3990
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

December 31, 2011
(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)
 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 disclosures provided in a prior cover page.

The information required on 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 other provisions of the Act (however, see the Notes).

| | | |
|--|--|---|
| 1. | NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) BLUEMOUNTAIN CAPITAL MANAGEMENT, LLC (26-1523875) | |
| 2. | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/> | |
| 3. | SEC USE ONLY | |
| 4. | CITIZENSHIP OR PLACE OF ORGANIZATION Delaware, United States of America | |
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 5. | SOLE VOTING POWER 00,000 |
| | 6. | SHARED VOTING POWER 3,260,945 |
| | 7. | SOLE DISPOSITIVE POWER 00,000 |
| | 8. | SHARED DISPOSITIVE POWER 3,260,945 |
| 9. | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,260,945 | |
| 10. | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) <input type="checkbox"/> | |
| 11. | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.3% | |
| 12. | TYPE OF REPORTING PERSON (see instructions) IA | |

Item 1. (a) Name of Issuer

Aviat Networks, Inc.

(b) Address of Issuer's Principal Executive Offices

5200 Great American Parkway
Santa Clara, CA 95054

Item 2. (a) Name of Person Filing

This Schedule 13G is being filed on behalf of BlueMountain Capital Management, LLC (the "**Reporting Person**") with respect to the shares of Common Stock, par value \$0.01 per share (the "**Common Stock**") of Aviat Networks Inc., a Delaware corporation (the "**Issuer**"). The Reporting Person acts as investment manager to, and exercises investment discretion with respect to the Common Stock directly owned by the following entities:

(i) Blue Mountain Credit Alternatives Master Fund L.P., a Cayman Islands exempted limited partnership with respect to the 1,746,863 shares of Common Stock directly owned by it;

(ii) BlueMountain Long/Short Credit Master Fund L.P., a Cayman Islands exempted limited partnership with respect to the 616,539 shares of Common Stock directly owned by it;

(iii) BlueMountain Equity Alternatives Master Fund L.P., a Cayman Islands exempted limited partnership with respect to the 314,435 shares of Common Stock directly owned by it;

(iv) BlueMountain Long/Short Equity Master Fund L.P., a Cayman Islands exempted limited partnership with respect to the 120,702 shares of Common Stock directly owned by it; and

(v) BlueMountain Timberline Ltd., a Cayman Islands exempted limited company with respect to the 462,406 shares of Common Stock directly owned by it.

The filing of this statement should not be construed as an admission that the Reporting Person is, for the purpose of Section 13 of the Act, the beneficial owner of the Common Stock reported herein.

(b) Address of the Principal Office or, if none, residence

BlueMountain Capital Management, LLC
280 Park Avenue, 5th Floor East
New York, New York 10017

(c) Citizenship

Delaware, USA

(d) Title of Class of Securities

Common Stock, par value \$0.001 per share of Aviat Networks, Inc.

(e) CUSIP Number

05366Y102

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) Group, in accordance with §240.13d-1(b)(1)(ii)(K).

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

The information required by Items 4(a) – (c) is set forth in Rows 5-11 of the cover page for the Reporting Person and is incorporated herein by reference for the Reporting Person.

The Reporting Person expressly declares that this filing shall not be construed as an admission that it is, for the purposes of sections 13(d) or 13(g) of the Act, the beneficial owner of any securities covered by this filing.

The Company's Form 10-Q filed on November 9, 2011, indicates that the total number of outstanding shares of Common Stock as of November 1, 2011 was 61,219,219. The percentages used herein and in the rest of the Schedule 13G are based upon such number of shares of Common Stock outstanding.

Instruction. For computations regarding securities which represent a right to acquire an underlying security see §240.13d-3(d)(1).

Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Instruction. Dissolution of a group requires a response to this item.

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.

The following certification shall be included if the statement is filed pursuant to §240.13d-1(b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURES

After reasonable inquiry and to the best of the undersigned's knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

DATED: February 14, 2012

BLUEMOUNTAIN CAPITAL MANAGEMENT, LLC

By: /s/ PAUL FRIEDMAN

Paul Friedman, Chief Compliance Officer