
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 08, 2024

Amtech Systems, Inc.

(Exact name of Registrant as Specified in Its Charter)

Arizona
(State or Other Jurisdiction
of Incorporation)

000-11412
(Commission File Number)

86-0411215
(IRS Employer
Identification No.)

58 S. River Drive, Suite 370
Tempe, Arizona
(Address of Principal Executive Offices)

85288
(Zip Code)

Registrant's Telephone Number, Including Area Code: (480) 967-5146

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

| Title of each class | Trading Symbol(s) | Name of each exchange on which registered |
|--|----------------------|---|
| Common Stock, par value \$0.01 per share | ASYS | Nasdaq Global Select Market |

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 2.02 Results of Operations and Financial Condition.

On May 8, 2024, Amtech Systems, Inc. (the “Registrant” or the “Company”) announced by press release its results of operations for the second quarter ended March 31, 2024. A copy of the press release is included as Exhibit 99.1 to this Current Report and is incorporated herein by reference.

The information contained in this Current Report, including the accompanying Exhibit 99.1, is furnished pursuant to Item 2.02 of Form 8-K and shall not be incorporated by reference into any filing of the Registrant, whether made before or after the date hereof, regardless of any general incorporation language in such filing, unless expressly incorporated by specific reference in such filing. The information in this Current Report, including the accompanying Exhibit 99.1, shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended.

Item 9.01 Financial Statements and Exhibits.

d) Exhibits.

| <u>Exhibit No.</u> | <u>Description</u> |
|----------------------|---|
| 99.1 | Press release dated May 8, 2024 |
| 104 | Cover Page Interactive Data File (embedded within the Inline XBRL document) |

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

AMTECH SYSTEMS, INC.

Date: May 8, 2024

By: /s/ Lisa D. Gibbs
Name: Lisa D. Gibbs
Title: Vice President and Chief Financial Officer



Amtech Reports Second Quarter 2024 Results

TEMPE, Ariz., May 8, 2024 -- Amtech Systems, Inc. ("Amtech") (NASDAQ: ASYS), a manufacturer of thermal processing, wafer cleaning and chemical mechanical polishing (CMP) capital equipment and related consumables used in semiconductor, advanced mobility and renewable energy manufacturing applications, today reported results for its second quarter ended March 31, 2024.

Second Quarter Fiscal 2024 Financial and Operational Results:

- Net revenue of \$25.4 million
- GAAP operating income of \$1.4 million
- Net proceeds of \$2.5 million from sale of corporate headquarters building
- Debt payments of \$6.4 million, ending the quarter with net cash position of \$8.8 million
- Non-GAAP operating income of \$0.2 million ⁽¹⁾
- GAAP net income of \$1.0 million
- Non-GAAP net loss of \$0.2 million ⁽¹⁾
- Customer orders of \$19.8 million
- Backlog of \$44.3 million

(1) See GAAP to non-GAAP reconciliation in schedules following this release.

"In the second quarter of fiscal 2024 we benefited from improvements in our cost structure and operational effectiveness. We exceeded the high-end of our guidance range with revenue of \$25.4 million and, more importantly, we delivered adjusted EBITDA of \$0.8 million despite continued softness in overall market demand. Over the past few quarters, we have better aligned the size of our organization to support current market demand and believe we have positioned the company to deliver strong operating results as the broader semiconductor market recovers," commented Mr. Bob Daigle, Chief Executive Officer of Amtech.

GAAP and Non-GAAP Financial Results

(in millions, except per share amounts)

| | Q2 | | Q1 | | Q2 | | 6 Months | | 6 Months | |
|---|---------|--------|---------|--------|---------|-------|----------|--------|----------|-------|
| | FY 2024 | | FY 2024 | | FY 2023 | | 2024 | | 2023 | |
| Revenues, net | \$ | 25.4 | \$ | 24.9 | \$ | 33.3 | \$ | 50.4 | \$ | 54.9 |
| Gross profit | \$ | 8.5 | \$ | 8.2 | \$ | 13.5 | \$ | 16.7 | \$ | 21.8 |
| <i>Gross margin</i> | | 33.2% | | 33.0% | | 40.4% | | 33.1% | | 39.7% |
| Non-GAAP gross profit ⁽¹⁾ | \$ | 8.6 | \$ | 9.3 | \$ | 13.5 | \$ | 18.0 | \$ | 21.8 |
| <i>Non-GAAP gross margin ⁽¹⁾</i> | | 33.9% | | 37.5% | | 40.4% | | 35.7% | | 39.7% |
| GAAP operating income (loss) | \$ | 1.4 | \$ | (8.9) | \$ | 0.5 | \$ | (7.6) | \$ | (2.2) |
| <i>GAAP operating margin</i> | | 5.4% | | -35.9% | | 1.6% | | -15.0% | | -3.9% |
| Non-GAAP operating income (loss) ⁽¹⁾ | \$ | 0.2 | \$ | (0.2) | \$ | 3.2 | \$ | (0.0) | \$ | 2.5 |
| <i>Non-GAAP operating margin ⁽¹⁾</i> | | 0.7% | | -0.8% | | 9.5% | | 0.0% | | 4.5% |
| GAAP net income (loss) | \$ | 1.0 | \$ | (9.4) | \$ | 3.2 | \$ | (8.4) | \$ | 0.5 |
| GAAP net income (loss) per diluted share | \$ | 0.07 | \$ | (0.66) | \$ | 0.23 | \$ | (0.59) | \$ | 0.03 |
| Non-GAAP net (loss) income ⁽¹⁾ | \$ | (0.2) | \$ | (0.6) | \$ | 2.7 | \$ | (0.8) | \$ | 1.9 |
| Non-GAAP net (loss) income per diluted share ⁽¹⁾ | \$ | (0.01) | \$ | (0.04) | \$ | 0.19 | \$ | (0.06) | \$ | 0.14 |

(1) See GAAP to non-GAAP reconciliation in schedules following this release.

Net revenues increased 2% sequentially and decreased 24% from the second quarter of fiscal 2023. The sequential increase is primarily due to increased consumable sales in our Material and Substrate segment, as customers update their buying patterns and adjust inventory levels. The decrease from prior year is primarily attributable to lower sales across most of our product portfolio due to a slow-down in the broader semiconductor market.

In the second quarter of fiscal 2024, GAAP gross margin was flat sequentially and decreased compared to the same prior year period. In our semiconductor segment, GAAP gross margin was negatively affected by product mix and increased material costs, both primarily attributed to shipments of our horizontal diffusion furnaces. GAAP gross margin in our Material and Substrate segment increased sequentially and compared to the same prior year period due primarily to a more favorable product mix, with increased consumable sales partially offset by lower equipment sales. Non-GAAP gross margin decreased sequentially and compared to the same prior year period due primarily to a less favorable product mix and increased material costs, both primarily attributed to shipments of our horizontal diffusion furnaces.

Selling, General & Administrative ("SG&A") expenses decreased \$0.3 million on a sequential basis and decreased \$3.2 million compared to the prior year period. The sequential decrease is due primarily to reductions in labor expenses and lower commissions and shipping expenses. Compared to the same prior year period, the decrease is due primarily to \$1.5 million of lower acquisition expenses, \$0.6 million of lower amortization expense, and reductions in labor, commissions and shipping expenses.

Research, Development and Engineering expenses decreased \$0.7 million sequentially and decreased \$0.6 million compared to the same prior year period due primarily to the timing of purchases related to specific projects in our Semiconductor segment.

During the second quarter of fiscal 2024, we sold our corporate headquarters building in Tempe, Arizona for a gain of \$2.2 million and net cash proceeds of \$2.5 million.

GAAP operating income was \$1.4 million, compared to GAAP operating loss of \$8.9 million in the first quarter of fiscal 2024 and GAAP operating income of \$0.5 million in the same prior year period.

Non-GAAP operating income was \$0.2 million, compared to non-GAAP operating loss of \$0.2 million in the first quarter of fiscal 2024 and non-GAAP operating income of \$3.2 million in the same prior year period.

GAAP net income for the second quarter of fiscal 2024 was \$1.0 million, or 7 cents per share. This compares to GAAP net loss of \$9.4 million, or 66 cents per share, for the preceding quarter and GAAP net income of \$3.2 million, or 23 cents per share, for the second quarter of fiscal 2023.

Non-GAAP net loss for the second quarter of fiscal 2024 was \$0.2 million, or 1 cent per share. This compares to non-GAAP net loss of \$0.6 million, or 4 cents per share, for the preceding quarter and non-GAAP net income of \$2.7 million, or 19 cents per share, for the second quarter of fiscal 2023.

Unrestricted cash and cash equivalents at March 31, 2024, were \$13.0 million, compared to \$13.1 million at September 30, 2023. Debt payments during the three months ended March 31, 2024 were \$6.4 million. Net cash as of March 31, 2024 was \$8.8 million compared to \$7.0 million as of December 31, 2023.

In discussing financial results for the three and six months ended March 31, 2024 and 2023 and the three months ended December 31, 2023, in this press release, the Company refers to certain financial measures that are adjusted from the financial results prepared in accordance with United States generally accepted accounting principles ("GAAP"). All non-GAAP amounts exclude certain adjustments for stock compensation expense, severance expense, expenses related to the discontinued product line, intangible asset impairment, gain on the sale of our Arizona headquarters, amortization of acquired intangible assets, acquisition expenses, and income tax benefit related to our acquisition of Entrepix, Inc. A tabular reconciliation of financial measures prepared in accordance with GAAP to the non-GAAP financial measures is included at the end of this press release.

Outlook

Operating results can be significantly impacted, positively or negatively, by the timing of orders, system shipments, logistical challenges, and the financial results of semiconductor manufacturers. Additionally, the semiconductor equipment industries can be cyclical and inherently impacted by changes in market demand. Actual results may differ materially in the weeks and months ahead.

For the third fiscal quarter ending June 30, 2024, we expect revenues in the range of \$22 - 25 million with adjusted EBITDA nominally positive, which includes some expenses and production downtime with the BTU facility move. Although the near-term outlook for revenue and earnings remains challenging, we remain confident that the future prospects are strong for both our consumables and equipment serving advanced mobility and advanced packaging applications. We took actions during the first and second quarters of fiscal 2024, which will reduce Amtech's structural costs by approximately \$6 million annually and better align product pricing with value. These steps should significantly improve results and enhance profitability through market cycles.

A portion of Amtech's results is denominated in Renminbis, a Chinese currency. The outlook provided in this press release is based on an assumed exchange rate between the United States Dollar and the Renminbi.

Changes in the value of the Renminbi in relation to the United States Dollar could cause actual results to differ from expectations.

Conference Call

Amtech Systems will host a conference call at 5:00 pm ET on Wednesday, May 8, 2024 to discuss our fiscal second quarter financial results. The call will be available to interested parties by dialing 1-888-886-7786. For international callers, please dial +1-416-764-8658. A live webcast of the conference call will be available in the Investor Relations section of Amtech's website at: <https://www.amtechsystems.com/investors/events>.

A replay of the webcast will be available in the Investor Relations section of the company's website at <http://www.amtechsystems.com/conference.htm> shortly after the conclusion of the call and will remain available for approximately 30 calendar days.

About Amtech Systems, Inc.

Amtech Systems, Inc. is a leading, global manufacturer of thermal processing, wafer cleaning and chemical mechanical polishing (CMP) capital equipment and related consumables used in semiconductor, advanced mobility and renewable energy manufacturing applications. We sell process equipment and services used in the fabrication of semiconductor devices, such as silicon carbide (SiC), silicon power, electronic assemblies and modules to semiconductor device and module manufacturers worldwide, particularly in Asia, North America and Europe. Our strategic focus is on growth opportunities which leverage our strengths in thermal and substrate processing. Amtech's products are recognized under the leading brand names BTU International, Entrepix, Inc., PR Hoffman™ and Intersurface Dynamics, Inc.

Cautionary Note Regarding Forward-Looking Statements

Certain information contained in this press release is forward-looking in nature. All statements in this press release, or made by management of Amtech Systems, Inc. and its subsidiaries ("Amtech"), other than statements of historical fact, are hereby identified as "forward-looking statements" (as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995). The forward-looking statements in this press release relate only to events or information as of the date on which the statements are made in this press release. Examples of forward-looking statements include statements regarding Amtech's future financial results, operating results, business strategies, projected costs, products under development, competitive positions, plans and objectives of Amtech and its management for future operations, efforts to improve operational efficiencies and effectiveness and profitably grow our revenue, and enhancements to our technologies and expansion of our product portfolio. In some cases, forward-looking statements can be identified by terminology such as "may," "plan," "anticipate," "seek," "will," "expect," "intend," "estimate," "believe," "continue," "predict," "potential," "project," "should," "would," "could," "likely," "future," "target," "forecast," "goal," "observe," and "strategy" or the negative of these terms or other comparable terminology used in this press release or by our management, which are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. The Form 10-K that Amtech filed with the Securities and Exchange Commission (the "SEC") for the year-ended September 30, 2023, listed various important factors that could affect the Company's future operating results and financial condition

and could cause actual results to differ materially from historical results and expectations based on forward-looking statements made in this document or elsewhere by Amtech or on its behalf. These factors can be found under the heading "Risk Factors" in the Form 10-K and in our subsequently filed Quarterly Reports on Form 10-Qs, and investors should refer to them. Because it is not possible to predict or identify all such factors, any such list cannot be considered a complete set of all potential risks or uncertainties. Except as required by law, we undertake no obligation to publicly update forward-looking statements, whether as a result of new information, future events, or otherwise.

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AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Summary Financial Information
(in thousands, except percentages)

| | Three Months Ended | | | Six Months Ended March 31, | |
|---------------------------------------|--------------------|----------------------|-------------------|----------------------------|-------------|
| | March 31, 2024 | December 31, 2023 | March 31, 2023 | 2024 | 2023 |
| Amtech Systems, Inc. | | | | | |
| Revenues, net | \$ 25,433 | \$ 24,920 | \$ 33,310 | \$ 50,353 | \$ 54,868 |
| GAAP gross profit | \$ 8,451 | \$ 8,219 | \$ 13,470 | \$ 16,670 | \$ 21,773 |
| Non-GAAP gross profit | \$ 8,626 | \$ 9,341 | \$ 13,470 | \$ 17,967 | \$ 21,773 |
| GAAP gross margin | 33 % | 33 % | 40 % | 33 % | 40 % |
| Non-GAAP gross margin | 34 % | 37 % | 40 % | 36 % | 40 % |
| GAAP operating income (loss) | \$ 1,363 | \$ (8,934) | \$ 519 | \$ (7,571) | \$ (2,161) |
| Non-GAAP operating income (loss) | \$ 188 | \$ (210) | \$ 3,162 | \$ (22) | \$ 2,492 |
| New orders | \$ 19,771 | \$ 23,105 | \$ 34,266 | \$ 42,876 | \$ 59,495 |
| Backlog | \$ 44,316 | \$ 49,979 | \$ 65,838 | \$ 44,316 | \$ 65,838 |
| Semiconductor Segment | | | | | |
| Revenues, net | \$ 17,441 | \$ 17,527 | \$ 22,047 | \$ 34,968 | \$ 38,934 |
| GAAP gross profit | \$ 5,040 | \$ 6,159 | \$ 8,931 | \$ 11,199 | \$ 15,103 |
| Non-GAAP gross profit | \$ 5,040 | \$ 6,159 | \$ 8,931 | \$ 11,199 | \$ 15,103 |
| GAAP gross margin | 29 % | 35 % | 41 % | 32 % | 39 % |
| Non-GAAP gross margin | 29 % | 35 % | 41 % | 32 % | 39 % |
| GAAP operating income | \$ 896 | \$ 1,081 | \$ 2,950 | \$ 1,977 | \$ 3,819 |
| Non-GAAP operating income | \$ 896 | \$ 1,192 | \$ 2,950 | \$ 2,088 | \$ 3,819 |
| New orders | \$ 12,061 | \$ 17,129 | \$ 24,606 | \$ 29,189 | \$ 45,690 |
| Backlog | \$ 39,455 | \$ 44,835 | \$ 54,767 | \$ 39,455 | \$ 54,767 |
| Material and Substrate Segment | | | | | |
| Revenues, net | \$ 7,992 | \$ 7,393 | \$ 11,263 | \$ 15,385 | \$ 15,934 |
| GAAP gross profit | \$ 3,411 | \$ 2,060 | \$ 4,539 | \$ 5,471 | \$ 6,670 |
| Non-GAAP gross profit | \$ 3,586 | \$ 3,182 | \$ 4,539 | \$ 6,768 | \$ 6,670 |
| GAAP gross margin | 43 % | 28 % | 40 % | 36 % | 42 % |
| Non-GAAP gross margin | 45 % | 43 % | 40 % | 44 % | 42 % |
| GAAP operating income (loss) | \$ 900 | \$ (7,844) | \$ 297 | \$ (6,943) | \$ 930 |
| Non-GAAP operating income | \$ 1,300 | \$ 452 | \$ 1,938 | \$ 1,753 | \$ 2,571 |
| New orders | \$ 7,710 | \$ 5,976 | \$ 9,660 | \$ 13,687 | \$ 13,805 |
| Backlog | \$ 4,861 | \$ 5,144 | \$ 11,071 | \$ 4,861 | \$ 11,071 |

AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Consolidated Statements of Operations
(in thousands, except per share data)

| | Three Months Ended March 31, | | Six Months Ended March 31, | |
|---|------------------------------|-----------------|----------------------------|----------------|
| | 2024 | 2023 | 2024 | 2023 |
| Revenues, net | \$ 25,433 | \$ 33,310 | \$ 50,353 | \$ 54,868 |
| Cost of sales | 16,982 | 19,840 | 32,834 | 33,095 |
| Intangible asset impairment | — | — | 849 | — |
| Gross profit | 8,451 | 13,470 | 16,670 | 21,773 |
| Selling, general and administrative | 8,252 | 11,434 | 16,819 | 20,624 |
| Research, development and engineering | 921 | 1,517 | 2,509 | 2,910 |
| Gain on sale of fixed assets | (2,197) | — | (2,197) | — |
| Goodwill impairment | — | — | 6,370 | — |
| Intangible asset impairment | — | — | 430 | — |
| Severance expense | 112 | — | 310 | 400 |
| Operating income (loss) | 1,363 | 519 | (7,571) | (2,161) |
| Interest income | 14 | 49 | 33 | 339 |
| Interest expense | (193) | (155) | (391) | (157) |
| Foreign currency loss | — | (168) | (187) | (515) |
| Other | 9 | 13 | 9 | 4 |
| Income (loss) before income tax provision | 1,193 | 258 | (8,107) | (2,490) |
| Income tax provision (benefit) | 223 | (2,946) | 281 | (2,950) |
| Net income (loss) | <u>\$ 970</u> | <u>\$ 3,204</u> | <u>\$ (8,388)</u> | <u>\$ 460</u> |
| Income (Loss) Per Share: | | | | |
| Net income (loss) per basic share | <u>\$ 0.07</u> | <u>\$ 0.23</u> | <u>\$ (0.59)</u> | <u>\$ 0.03</u> |
| Net income (loss) per diluted share | <u>\$ 0.07</u> | <u>\$ 0.23</u> | <u>\$ (0.59)</u> | <u>\$ 0.03</u> |
| Weighted average shares outstanding: | | | | |
| Basic | <u>14,197</u> | <u>14,028</u> | <u>14,193</u> | <u>14,018</u> |
| Diluted | <u>14,209</u> | <u>14,157</u> | <u>14,193</u> | <u>14,142</u> |

AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Consolidated Balance Sheets
(in thousands, except share data)

| | March 31, 2024 | September 30, 2023 |
|--|-------------------|-----------------------|
| Assets | | |
| Current Assets | | |
| Cash and cash equivalents | \$ 13,000 | \$ 13,133 |
| Accounts receivable (less allowance for credit losses of \$115 and \$146 at March 31, 2024 and September 30, 2023, respectively) | 21,230 | 26,474 |
| Inventories | 31,308 | 34,845 |
| Income taxes receivable | 457 | 632 |
| Other current assets | 4,304 | 6,105 |
| Total current assets | 70,299 | 81,189 |
| Property, Plant and Equipment - Net | 9,476 | 9,695 |
| Right-of-Use Assets - Net | 9,784 | 11,217 |
| Intangible Assets - Net | 4,352 | 6,114 |
| Goodwill | 21,261 | 27,631 |
| Deferred Income Taxes - Net | 123 | 101 |
| Other Assets | 1,179 | 1,074 |
| Total Assets | \$ 116,474 | \$ 137,021 |
| Liabilities and Shareholders' Equity | | |
| Current Liabilities | | |
| Accounts payable | \$ 6,741 | \$ 10,815 |
| Accrued compensation and related taxes | 2,085 | 3,481 |
| Accrued warranty expense | 763 | 965 |
| Other accrued liabilities | 1,133 | 1,551 |
| Current maturities of finance lease liabilities and long-term debt | 4,243 | 2,265 |
| Current portion of long-term operating lease liabilities | 1,934 | 2,623 |
| Contract liabilities | 9,015 | 8,018 |
| Total current liabilities | 25,914 | 29,718 |
| Finance Lease Liabilities and Long-Term Debt | 65 | 8,422 |
| Long-Term Operating Lease Liabilities | 8,195 | 8,894 |
| Income Taxes Payable | 1,357 | 1,575 |
| Other Long-Term Liabilities | 52 | 47 |
| Total Liabilities | 35,583 | 48,656 |
| Commitments and Contingencies | | |
| Shareholders' Equity | | |
| Preferred stock; 100,000,000 shares authorized; none issued | — | — |
| Common stock; \$0.01 par value; 100,000,000 shares authorized; shares issued and outstanding: 14,208,795 and 14,185,977 at March 31, 2024 and September 30, 2023, respectively | 142 | 142 |
| Additional paid-in capital | 127,658 | 126,963 |
| Accumulated other comprehensive loss | (1,476) | (1,695) |
| Retained deficit | (45,433) | (37,045) |
| Total Shareholders' Equity | 80,891 | 88,365 |
| Total Liabilities and Shareholders' Equity | \$ 116,474 | \$ 137,021 |

AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Consolidated Statements of Cash Flows
(in thousands)

| | Six Months Ended March 31, | |
|--|-----------------------------------|------------------|
| | 2024 | 2023 |
| Operating Activities | | |
| Net (loss) income | \$ (8,388) | \$ 460 |
| Adjustments to reconcile net (loss) income to net cash provided by (used in) operating activities: | | |
| Depreciation and amortization | 1,572 | 1,887 |
| Write-down of inventory | 940 | 517 |
| Goodwill impairment | 6,370 | — |
| Intangible asset impairment | 1,279 | — |
| Deferred income taxes | (22) | (3,172) |
| Non-cash share-based compensation expense | 667 | 338 |
| Gain on sale of property, plant and equipment | (2,197) | — |
| Provision for allowance for credit losses | — | 156 |
| Changes in operating assets and liabilities: | | |
| Accounts receivable | 5,244 | 1,113 |
| Inventories | 2,617 | (4,631) |
| Other assets | 3,163 | 2,215 |
| Accounts payable | (3,462) | (1,497) |
| Accrued income taxes | (42) | (1,192) |
| Accrued and other liabilities | (3,432) | (2,289) |
| Contract liabilities | 998 | 768 |
| Net cash provided by (used in) operating activities | 5,307 | (5,327) |
| Investing Activities | | |
| Purchases of property, plant and equipment | (1,976) | (976) |
| Proceeds from the sale of property, plant and equipment | 2,700 | — |
| Acquisition, net of cash and cash equivalents acquired | — | (35,498) |
| Net provided by provided by (used in) investing activities | 724 | (36,474) |
| Financing Activities | | |
| Proceeds from the exercise of stock options | 28 | 331 |
| Payments on long-term debt | (6,413) | (412) |
| Borrowings on long-term debt | — | 12,000 |
| Net cash (used in) provided by financing activities | (6,385) | 11,919 |
| Effect of Exchange Rate Changes on Cash and Cash Equivalents | 221 | 741 |
| Net Decrease in Cash and Cash Equivalents | (133) | (29,141) |
| Cash and Cash Equivalents, Beginning of Period | 13,133 | 46,874 |
| Cash and Cash Equivalents, End of Period | <u>\$ 13,000</u> | <u>\$ 17,733</u> |

AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Reconciliation of GAAP to Non-GAAP Financial Measures
(in thousands, except per share data)

| | Three Months Ended | | | Six Months Ended March 31, | |
|--|--------------------|-------------------|-------------------|----------------------------|------------------|
| | March 31, 2024 | December 31, 2023 | March 31, 2023 | 2024 | 2023 |
| Amtech Systems, Inc. Gross Profit: | | | | | |
| GAAP gross profit | \$ 8,451 | \$ 8,219 | \$ 13,470 | \$ 16,670 | \$ 21,773 |
| Write-down of inventory related to polishing equipment | 175 | 273 | - | 448 | - |
| Intangible asset impairment | - | 849 | - | 849 | - |
| Non-GAAP gross profit | <u>\$ 8,626</u> | <u>\$ 9,341</u> | <u>\$ 13,470</u> | <u>\$ 17,967</u> | <u>\$ 21,773</u> |
| GAAP gross margin | 33 % | 33 % | 40 % | 33 % | 40 % |
| Non-GAAP gross margin | 34 % | 37 % | 40 % | 36 % | 40 % |
| Semiconductor Segment Gross Profit: | | | | | |
| GAAP gross profit | \$ 5,040 | \$ 6,159 | \$ 8,931 | \$ 11,199 | \$ 15,103 |
| Write-down of inventory related to polishing equipment | - | - | - | - | - |
| Intangible asset impairment | - | - | - | - | - |
| Non-GAAP gross profit | <u>\$ 5,040</u> | <u>\$ 6,159</u> | <u>\$ 8,931</u> | <u>\$ 11,199</u> | <u>\$ 15,103</u> |
| GAAP gross margin | 29 % | 35 % | 41 % | 32 % | 39 % |
| Non-GAAP gross margin | 29 % | 35 % | 41 % | 32 % | 39 % |
| Material and Substrate Segment Gross Profit: | | | | | |
| GAAP gross profit | \$ 3,411 | \$ 2,060 | \$ 4,539 | \$ 5,471 | \$ 6,670 |
| Write-down of inventory related to polishing equipment | 175 | 273 | - | 448 | - |
| Intangible asset impairment | - | 849 | - | 849 | - |
| Non-GAAP gross profit | <u>\$ 3,586</u> | <u>\$ 3,182</u> | <u>\$ 4,539</u> | <u>\$ 6,768</u> | <u>\$ 6,670</u> |
| GAAP gross margin | 43 % | 28 % | 40 % | 36 % | 42 % |
| Non-GAAP gross margin | 45 % | 43 % | 40 % | 44 % | 42 % |

AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Reconciliation of GAAP to Non-GAAP Financial Measures
(in thousands, except per share data)

| | Three Months Ended | | | Six Months Ended March 31, | |
|--|--------------------|----------------------|-------------------|----------------------------|-----------------|
| | March 31, 2024 | December 31, 2023 | March 31, 2023 | 2024 | 2023 |
| Amtech Systems, Inc. Operating Income (Loss): | | | | | |
| GAAP operating income (loss) | \$ 1,363 | \$ (8,934) | \$ 519 | \$ (7,571) | \$ (2,161) |
| Gain on sale of fixed assets | (2,197) | - | - | (2,197) | - |
| Building move expense | 231 | - | - | 231 | - |
| Acquisition expenses | - | - | 1,524 | - | 2,970 |
| Write-down of inventory related to polishing equipment | 175 | 273 | - | 448 | - |
| Amortization of acquired intangible assets | 154 | 287 | 945 | 441 | 945 |
| Stock compensation expense | 350 | 317 | 174 | 667 | 338 |
| Goodwill impairment | - | 6,370 | - | 6,370 | - |
| Intangible asset impairment | - | 1,279 | - | 1,279 | - |
| Severance expense | 112 | 198 | - | 310 | 400 |
| Non-GAAP operating income (loss) | <u>\$ 188</u> | <u>\$ (210)</u> | <u>\$ 3,162</u> | <u>\$ (22)</u> | <u>\$ 2,492</u> |
| GAAP operating margin | 5.4 % | (35.9)% | 1.6 % | (15.0)% | (3.9)% |
| Non-GAAP operating margin | 0.7 % | (0.8)% | 9.5 % | (0.0)% | 4.5 % |
| Semiconductor Segment Operating Income: | | | | | |
| GAAP operating income | \$ 896 | \$ 1,081 | \$ 2,950 | \$ 1,977 | \$ 3,819 |
| Severance expense | - | 111 | - | 111 | - |
| Non-GAAP operating income | <u>\$ 896</u> | <u>\$ 1,192</u> | <u>\$ 2,950</u> | <u>\$ 2,088</u> | <u>\$ 3,819</u> |
| Material and Substrate Segment Operating Income (Loss): | | | | | |
| GAAP operating income (loss) | \$ 900 | \$ (7,844) | \$ 297 | \$ (6,943) | \$ 930 |
| Acquisition expenses | - | - | 696 | - | 696 |
| Write-down of inventory related to polishing equipment | 175 | 273 | - | 448 | - |
| Amortization of acquired intangible assets | 154 | 287 | 945 | 441 | 945 |
| Goodwill impairment | - | 6,370 | - | 6,370 | - |
| Intangible asset impairment | - | 1,279 | - | 1,279 | - |
| Severance expense | 71 | 87 | - | 158 | - |
| Non-GAAP operating income | <u>\$ 1,300</u> | <u>\$ 452</u> | <u>\$ 1,938</u> | <u>\$ 1,753</u> | <u>\$ 2,571</u> |

AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Reconciliation of GAAP to Non-GAAP Financial Measures
(in thousands, except per share data)

| | Three Months Ended | | | Six Months Ended March 31, | |
|--|--------------------|----------------------|-------------------|----------------------------|-----------------|
| | March 31, 2024 | December 31, 2023 | March 31, 2023 | 2024 | 2023 |
| Consolidated Net Income (Loss): | | | | | |
| GAAP net income (loss) | \$ 970 | \$ (9,358) | \$ 3,204 | \$ (8,388) | \$ 460 |
| Gain on sale of fixed assets | (2,197) | - | - | (2,197) | - |
| Building move expense | 231 | - | - | 231 | - |
| Acquisition expenses | - | - | 1,524 | - | 2,970 |
| Write-down of inventory related to polishing equipment | 175 | 273 | - | 448 | - |
| Amortization of acquired intangible assets | 154 | 287 | 945 | 441 | 945 |
| Stock compensation expense | 350 | 317 | 174 | 667 | 338 |
| Goodwill impairment | - | 6,370 | - | 6,370 | - |
| Intangible asset impairment | - | 1,279 | - | 1,279 | - |
| Severance expense | 112 | 198 | - | 310 | 400 |
| Income tax provision related to acquisition | - | - | (3,164) | - | (3,164) |
| Non-GAAP net (loss) income | <u>\$ (205)</u> | <u>\$ (634)</u> | <u>\$ 2,683</u> | <u>\$ (839)</u> | <u>\$ 1,949</u> |
| Net (Loss) Income per Diluted Share: | | | | | |
| GAAP net income (loss) per diluted share | \$ 0.07 | \$ (0.66) | \$ 0.23 | \$ (0.59) | \$ 0.03 |
| Gain on sale of fixed assets | (0.15) | - | - | (0.15) | - |
| Building move expense | 0.02 | - | - | 0.01 | - |
| Acquisition expenses | - | - | 0.11 | - | 0.21 |
| Write-down of inventory related to polishing equipment | 0.01 | 0.02 | - | 0.03 | - |
| Amortization of acquired intangible assets | 0.01 | 0.02 | 0.06 | 0.03 | 0.07 |
| Stock compensation expense | 0.02 | 0.02 | 0.01 | 0.05 | 0.02 |
| Goodwill impairment | - | 0.45 | - | 0.45 | - |
| Intangible asset impairment | - | 0.09 | - | 0.09 | - |
| Severance expense | 0.01 | 0.02 | - | 0.02 | 0.03 |
| Income tax provision related to acquisition | - | - | (0.22) | - | (0.22) |
| Non-GAAP net (loss) income per diluted share | <u>\$ (0.01)</u> | <u>\$ (0.04)</u> | <u>\$ 0.19</u> | <u>\$ (0.06)</u> | <u>\$ 0.14</u> |

AMTECH SYSTEMS, INC.
(NASDAQ: ASYS)
(Unaudited)

Reconciliation of Net Income (Loss) to EBITDA and Adjusted EBITDA
(in thousands, except per share data)

| | Three Months Ended March 31, 2024 | Six Months Ended March 31, 2024 |
|--|--|--|
| Amtech Systems, Inc. EBITDA: | | |
| GAAP net income (loss) | \$ 970 | \$ (8,388) |
| Interest income | (14) | (33) |
| Interest expense | 193 | 391 |
| Income tax provision | 223 | 281 |
| Depreciation and amortization expense | 720 | 1,572 |
| EBITDA | 2,092 | (6,177) |
| Gain on sale of fixed assets | (2,197) | (2,197) |
| Building move expense | 231 | 231 |
| Write-down of inventory related to polishing equipment | 175 | 448 |
| Stock compensation expense | 350 | 667 |
| Goodwill impairment | - | 6,370 |
| Intangible asset impairment | - | 1,279 |
| Severance expense | 112 | 310 |
| Adjusted EBITDA | <u>\$ 763</u> | <u>\$ 931</u> |
