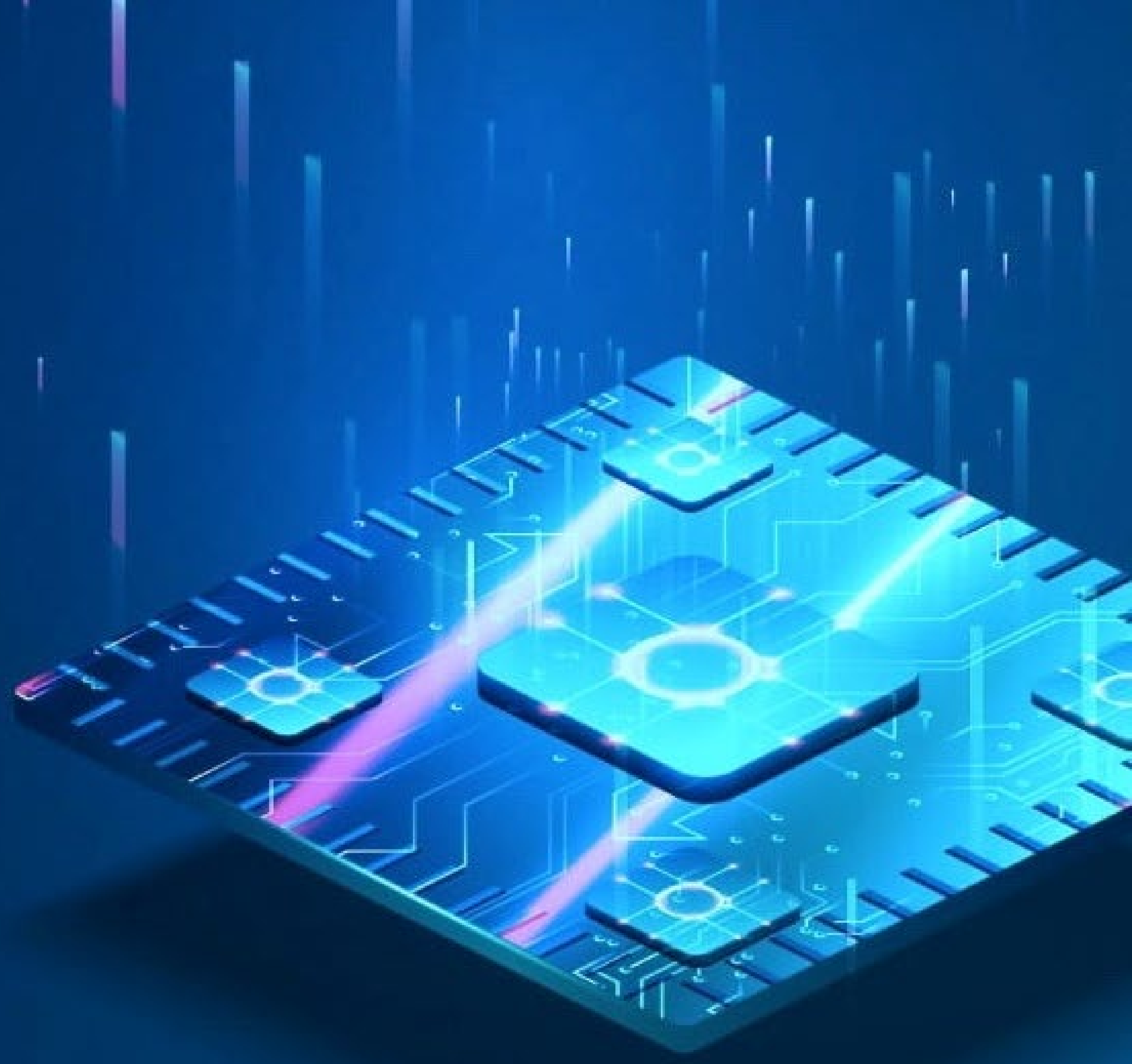
AMTECH

COMPANY INTRODUCTION

NASDAQ: ASYS

August 2026



AMTECH

Enabling AI Semiconductor Device Packaging and Advanced Substrate Fabrication

Business Transformation to Deliver Profitable Growth

Safe Harbor Statement

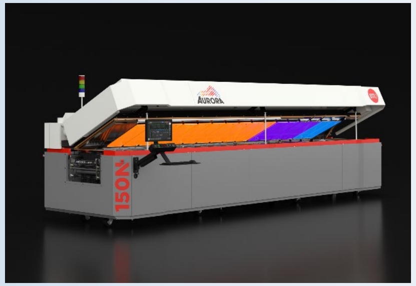
This Presentation may contain certain statements or information that constitute “forward-looking statements” (as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995). In some, but not all, cases, forward-looking statements can be identified by terminology such as “may,” “plan,” “anticipate,” “seek,” “will,” “expect,” “intend,” “estimate,” “anticipate,” “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. Examples of forward-looking statements include statements regarding Amtech System, Inc.’s (“Amtech” or the “Company”) 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. Such forward-looking statements and information are provided by the Company based on current expectations of the Company and reflect various assumptions of management concerning the future performance of the Company, and are subject to significant business, economic and competitive risks, uncertainties and contingencies, many of which are beyond the control of the Company. Accordingly, there can be no guarantee that such forward-looking statements or information will be realized. Actual results may differ materially from historical results and expectations based on forward-looking statements made in this document or elsewhere by Amtech or on its behalf. No representations or warranties are made as to the accuracy or reasonableness of any expectations or assumptions or the forward-looking statements or information based thereon. Each recipient of forward-looking statements should make an independent assessment of the merits of and should consult its own professional advisors. 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. These forward-looking statements speak only as of the date of this Presentation. Except as required by any applicable law or regulation, the Company expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements contained herein to reflect any change in the Company’s expectations with regard thereto or any change in events, conditions or circumstances on which any such statement is based.

Amtech Divisions

Capital equipment and consumables for semiconductor fabrication and packaging

Thermal Processing Solutions
(~80%)

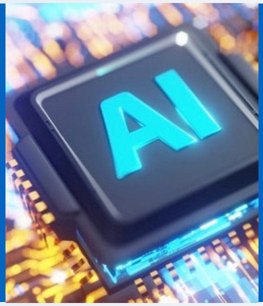
BTU AN AMTECH COMPANY



Reflow Oven


Belt Furnace

Advanced packaging & electronics assembly equipment for applications such as AI GPUs, and advanced automotive electronics.



Semiconductor Fabrication Solutions
(~20%)

PR HOFFMAN AN AMTECH COMPANY
INTERSURFACE DYNAMICS AN AMTECH COMPANY
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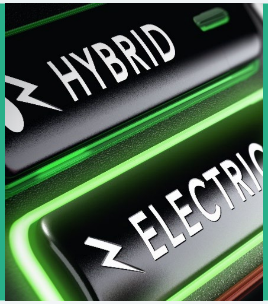
Lapping, Polishing, & Cleaning Consumables


CMP Parts & Upgrades

Consumables and equipment utilized in Silicon and Silicon Carbide semiconductor fabs for advanced automotive applications such as EV/HEV and industrial electronics.

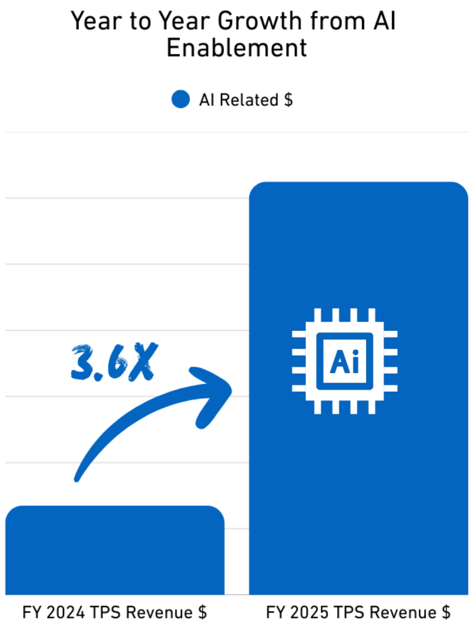


Enabling production of AI enterprise servers and e-mobility systems

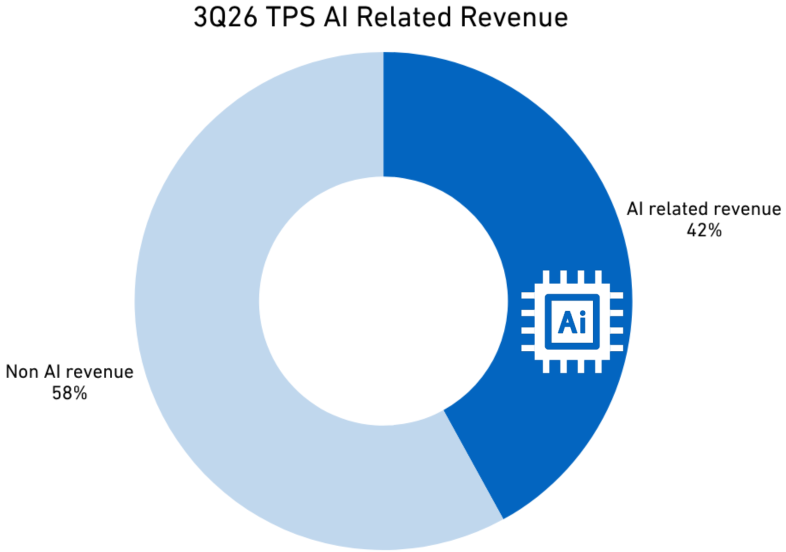
Approximate Revenue Contribution LTM, August 2026

AI Driving Revenue Growth in Thermal Processing Solutions Segment

High Performance Reflow for Die-Level Packaging ("on Substrate")



More than 3X Growth in AI Revenue Annually



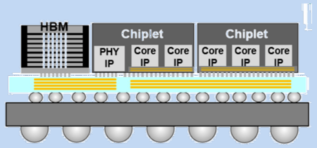
42% of Segment 3Q26 Revenue, up from 24% for 3Q25

Advanced Chip Packaging & Assembly

TrueFlat Thin Substrate Reflow Ovens

Precision Convection Reflow Ovens

- Flip chip packaging
- 2.5D packaging
- CoWoS packaging
- Panel packaging
- Optical packaging
- Server board SMT



Customer Driven Process Development in Semi Fab Solutions

Customer Requirements

- Problem to Solve
- Integration Constraints

Equipment OEM

- Industry Benchmark Cleaner
- Optimized Throughput
- OEM Support and Roadmap

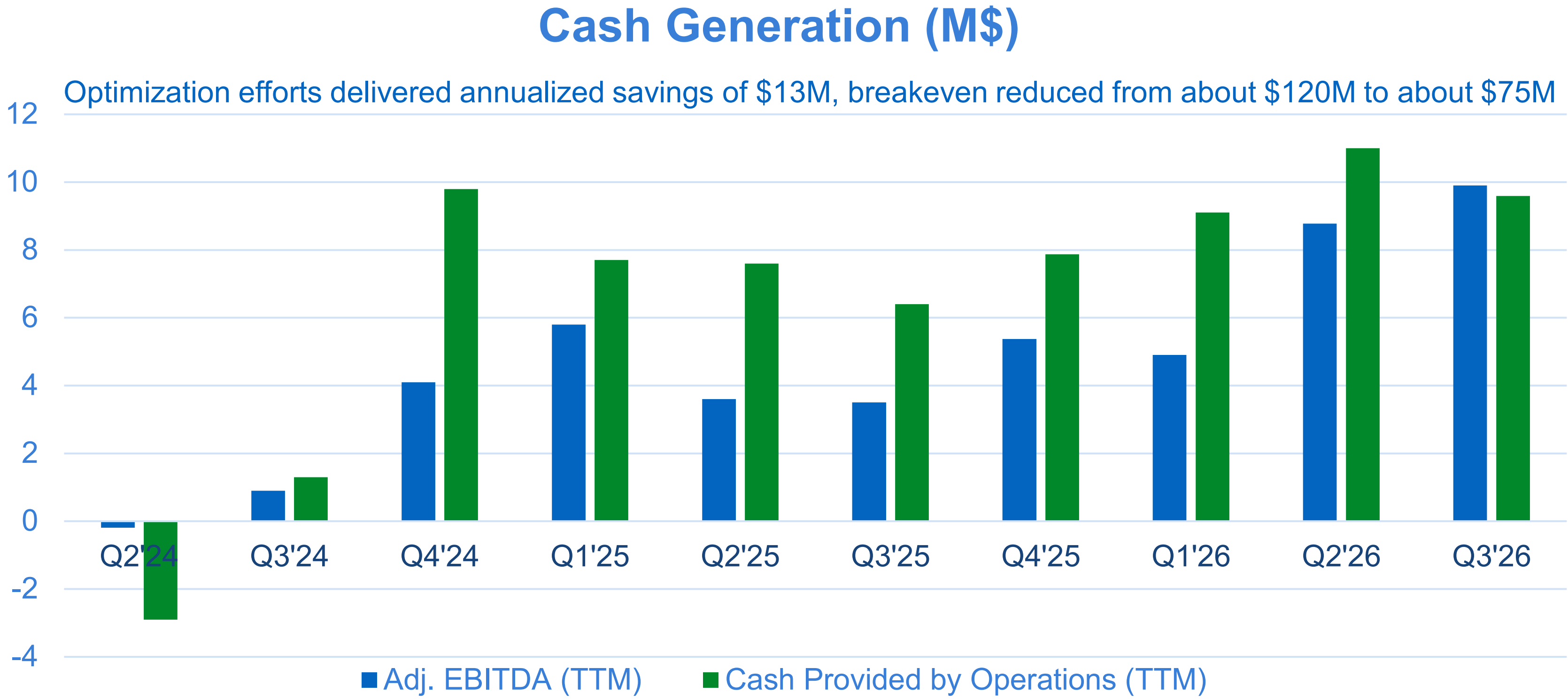
CMP Foundry

- Full CMP Foundry Capability
- Data Driven Solution Optimization / Validation

Chemistry

- CMP Formulation Expertise
- Portfolio of Cleaners, Coolants, Suspension Vehicles
- Semiconductor Grade Manufacturing Capability

Optimized Operations Model Shows Positive Impact in Recent Quarters



- Rationalized product-lines
- Migrated to semi-fabless model
- Right-sized organization
- Upgraded supply chain processes
- Improvements in value-based pricing
- Eliminated debt and built cash balance

Fiscal Year 2026 Third Quarter Financial Results

AI Product Demand Continues to be Strong

Quarterly Orders Exceed Revenues

Gross Margin Improved to 50%, up 230 bps from 2Q26

Adjusted EBITDA Margin of Nearly 15%

11th Consecutive Quarter of Positive Operating Cash Flow

$5 Million Share Repurchase Plan in Place

Third Quarter Fiscal 2026 Financial and Operational Highlights

- Net revenue of $22.4 million
- Cash of $83.1 million
- Cash provided by operations of $1.1 million
- GAAP net income of $1.7 million
- Non-GAAP net income of $2.4 million (1)
- Adjusted EBITDA of $3.3 million (1)
- Customer orders of $28.8 million, up from $21.1 million in 2Q26
- Backlog of $28.7 million at end of June 2026, compared to $22.3 million at end of March 2026

(1) See GAAP to non-GAAP and EBITDA and Adjusted EBITDA reconciliation provided below

$60 Million Oversubscribed Public Offering of Common Stock -- 2,926,829 shares at $20.50 per share (June 3, 2026)

OUTLOOK

Fiscal Year 2026 Fourth Quarter Guidance

(period end 9/30/26)

- Revenues $22.5 – 24.0 Million
- Adjusted EBITDA margin in the low to mid-teens
- NOL valued at $74.3 million at 9/30/25

INVESTMENT OPPORTUNITY

Supplying Essential Semiconductor Equipment and Materials

Increasing Cash Flow Generation and Creating Strong Operating Leverage to Deliver Profitable Growth Driven by AI Infrastructure and e-Mobility Markets

OPERATING LEVERAGE
Committed to a disciplined approach to operations and scaled fixed costs

CASH FLOW GENERATION
Funds from operations strategically invested in growth

HARNESS GROWTH MARKETS
Market-leading products enabling scale in AI & e-mobility applications

AMTECH

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

Reconciliation of GAAP to Non-GAAP Financial Measures
($s in thousands)

	Three Months Ended			Nine Months Ended June 30,	
	June 30, 2026	March 31, 2026	June 30, 2025	2026	2025
Amtech Systems, Inc. Gross Profit:					
GAAP gross profit	$ 11,193	$ 9,769	$ 9,132	$ 29,456	$ 18,169
Inventory write-down of mature node semiconductor products	-	-	-	-	5,986
Non-GAAP gross profit	$ 11,193	$ 9,769	$ 9,132	$ 29,456	$ 24,155
GAAP gross margin	50%	48%	47%	48%	31%
Non-GAAP gross margin	50%	48%	47%	48%	41%
Thermal Processing Solutions Segment Gross Profit:					
GAAP gross profit	$ 9,006	$ 7,129	$ 6,325	$ 22,728	$ 14,005
Inventory write-down of mature node semiconductor products	-	-	-	-	3,562
Non-GAAP gross profit	$ 9,006	$ 7,129	$ 6,325	$ 22,728	$ 17,567
GAAP gross margin	51%	48%	45%	49%	32%
Non-GAAP gross margin	51%	48%	45%	49%	40%
Semiconductor Fabrication Solutions Segment Gross Profit:					
GAAP gross profit	$ 2,187	$ 2,640	$ 2,807	$ 6,728	$ 4,164
Inventory write-down of mature node semiconductor products	-	-	-	-	2,424
Non-GAAP gross profit	$ 2,187	$ 2,640	$ 2,807	$ 6,728	$ 6,588
GAAP gross margin	47%	46%	52%	44%	26%
Non-GAAP gross margin	47%	46%	52%	44%	41%

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

	Three Months Ended			Nine Months Ended June 30,	
	June 30, 2026	March 31, 2026	June 30, 2025	2026	2025
Consolidated Net Income (Loss):					
GAAP net income (loss)	$ 1,658	$ 1,166	$ 106	$ 2,932	$ (31,394)
Disposal of fixed assets from sublease	83	-	-	83	-
ROU asset impairment	151	-	-	151	-
Inventory write-down of mature node semiconductor products	-	-	-	-	5,986
Amortization of acquired intangible assets	27	27	27	81	242
Stock compensation expense	394	328	338	971	961
Goodwill impairment	-	-	-	-	20,353
Intangible asset impairment	-	-	-	-	2,569
Severance expense	50	-	421	50	678
Non-GAAP net income (loss)	$ 2,363	$ 1,521	$ 892	$ 4,268	$ (605)
Net Income (Loss) per Diluted Share:					
GAAP net income (loss) per diluted share	$ 0.10	$ 0.08	$ 0.01	$ 0.19	$ (2.20)
Disposal of fixed assets from sublease	0.01	-	-	0.01	-
ROU asset impairment	0.01	-	-	0.01	-
Inventory write-down of mature node semiconductor products	-	-	-	-	0.42
Amortization of acquired intangible assets	-	-	-	0.01	0.02
Stock compensation expense	0.02	0.02	0.02	0.06	0.07
Goodwill impairment	-	-	-	-	1.42
Intangible asset impairment	-	-	-	-	0.18
Severance expense	-	-	0.03	-	0.05
Non-GAAP net income (loss) per diluted share	$ 0.14	$ 0.10	$ 0.06	$ 0.28	$ (0.04)

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AMTECH SYSTEMS, INC.
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(Unaudited)

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

	Three Months Ended			Nine Months Ended June 30,	
	June 30, 2026	March 31, 2026	June 30, 2025	2026	2025
Amtech Systems, Inc. EBITDA:					
GAAP net income	$ 1,658	$ 1,166	$ 106	$ 2,932	$ (31,394)
Interest income	(273)	(116)	(88)	(504)	(119)
Interest expense	2	8	5	18	19
Income tax provision	616	502	799	1,699	1,516
Depreciation and amortization expense	620	627	594	1,861	2,167
EBITDA	2,623	2,187	1,416	6,006	(27,811)
Disposal of fixed assets from sublease	83	-	-	83	-
ROU asset impairment	151	-	-	151	-
Inventory write-down of mature node semiconductor products	-	-	-	-	5,986
Stock compensation expense	394	328	338	971	961
Goodwill impairment	-	-	-	-	20,353
Intangible asset impairment	-	-	-	-	2,569
Severance expense	50	-	421	50	678
Adjusted EBITDA	$ 3,301	$ 2,515	$ 2,175	$ 7,261	$ 2,736

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