Third Quarter 2026 Conference Call



November 10, 2026

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This presentation includes “forward-looking statements” within the meaning of the “safe harbor” provisions of the United States Private Securities Litigation Reform Act of 1995. Forward-looking statements may be identified by the use of words such as “future,” “growth,” “opportunity,” “well-positioned,” "forecast," "intend," "seek," "target," “anticipate,” “believe,” “expect,” “estimate,” “plan,” “outlook,” “project,” “may,” “could,” and “should,” and other similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements may be included throughout this presentation, and include, but are not limited to, statements relating to Ambiq Micro’s (“Ambiq,” the “Company,” “we,” “us” or similar terms) expectations around its fourth quarter and full year 2026 and 2027 outlook, growth trajectory and competitive position. By their nature, forward-looking statements are not statements of historical fact or guarantees of future performance and are subject to risks, uncertainties, assumptions or changes in circumstances that are difficult to predict or quantify including those described in the section titled "Risk Factors" in Ambiq’s Annual Report on Form 10-K for the year ended December 31, 2025 and Quarterly Report on Form 10-Q for the quarter ended June 30, 2026, as well as in other filings we may make with the SEC in the future. Our expectations, beliefs and projections are expressed in good faith and we believe there is a reasonable basis for them. However, there can be no assurance that our expectations, beliefs and projections will result or be achieved and actual results may vary materially from what is expressed in or indicated by the forward-looking statements. Any forward-looking statement in this presentation speaks only as of the date of this presentation. We undertake no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by any applicable securities laws.

Non-GAAP Financial Measures

Ambiq supplements its reporting of financial information determined under generally accepted accounting principles in the United States of America (GAAP), including the use of non-GAAP gross profit, non-GAAP gross margin, non-GAAP operating expenses and non-GAAP net loss. These non-GAAP financial measures help management make strategic decisions, establish budgets and operational goals for managing the business, analyzing financial results, and evaluating business performance. Ambiq defines non-GAAP gross profit as gross profit adjusted to exclude expenses not directly attributable to gross profit, such as depreciation and amortization, stock-based compensation and gain on nonmonetary transactions. Ambiq defines non-GAAP gross margin as non-GAAP gross profit as a percentage of net sales. Ambiq defines non-GAAP operating expenses as operating expenses adjusted to exclude expenses not directly attributable to operating expenses such as depreciation and amortization, stock-based compensation, severance costs, IPO-related bonus and IPO and other transaction costs, as applicable. Ambiq defines non-GAAP net loss as net loss adjusted to exclude expenses not directly attributable to the performance of operations, such as income taxes, depreciation and amortization, stock-based compensation, gain on nonmonetary transactions, severance costs, IPO-related bonus, IPO and other transactions costs and warrant valuation.

Ambiq believes these non-GAAP financial measures provide additional tools for investors to use in comparing core business and results of operations over multiple periods with other companies in the industry, many of which present similar non-GAAP financial measures. However, Ambiq's presentation of non-GAAP gross profit, non-GAAP gross margin, non-GAAP operating expenses, non-GAAP net loss may not be comparable to similarly titled measures reported by other companies due to differences in the way that these measures are calculated. These non-GAAP measures have limitations, and should not be considered as the sole measures of our performance and should not be considered in isolation from, or as a substitute for, the most comparable measure calculated in accordance with GAAP.

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Today's Agenda



Charlene Wan
Vice President of Corporate Marketing & Investor Relations

Welcome



Fumihide Esaka
Chief Executive Officer

Business Update



Jeffrey Winzeler
Chief Financial Officer

Results and Outlook

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Business Update



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Executive Summary

Strong 3Q26 net sales growth; meaningful step-up expected in 4Q26

Supply chain partnerships support resilience in a dynamic environment

Edge AI is driving a multi-year structural shift in computing architecture

Diversifying business across customers, form factors and end markets

Well-positioned for another year of strong growth in 2027

~110%
3Q26 Net Sales Growth

~112%
4Q26 Expected YoY Net Sales Growth[1]

3
New Hardware Products in Development

7
Software Launches or Major Releases YTD

7
Customers with Quarterly Net Sales of >$1M

Low Double Digit
% Non-Wearable Revenue in 2028

1. At midpoint of guidance. See slide 17 for additional information on our 4Q 2026 outlook.

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Third Quarter Highlights

Net sales exceeded guidance

- Healthy end-user demand supported growth from existing customer programs
- Successful new product launches across several customers
- Continued to add and scaled new customers
- Lean channel inventory and continued expedite requests

Positioned for continued momentum

- Customer forecasts and order activity supports demand momentum
- Continuing to scale and diversify our design funnel
- Deep supply chain partnerships enable resilience in a supply-constrained environment

$38.1M
Net Sales

48.7%
Non-GAAP Gross Margin[1]

$18.6M
Non-GAAP Gross Profit[1]

1. Non-GAAP gross margin and non-GAAP gross profit are non-GAAP financial measures. Please refer to the Appendix for reconciliation to the nearest GAAP measure.

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Secular Tailwinds Powering Our Growth

Ambiq is positioned to lead in edge AI with unmatched ultra-low power technology and a broad, scalable platform across devices and use cases



Smart Rings



Smart Watches



Smart Bands



Smart Eyewear

- AI adoption expanding across a growing range of edge devices
- More sophisticated AI workloads increasing compute requirements per device
- On-device processing improving responsiveness and privacy while reducing reliance on connectivity and cloud compute
- Growing compute demands within constrained power budgets increasing the need for ultra-low-power solutions

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Advancing Comprehensive Edge AI SoC Portfolio Through Innovation









	Apollo3	Apollo4	Apollo5	Atomiq
Processor Core	Cortex M4 or M55	Cortex M4	Cortex M55	Cortex M55
Process Node	40nm or 22nm	22nm	22nm	12nm
Features		GPU	GPU	NPU, DRAM, GPU
Connectivity	Bluetooth LE, Bluetooth Classic, Thread, Matter	Bluetooth LE	Bluetooth LE, Bluetooth Classic	To be announced
ASP	$	$$	$$$	$$$$
Edge AI Capabilities	★ Basic Analytics	★★ Complex Analytics	★★★ Complex Analytics, Audio	★★★★ Complex Analytics, Audio, Vision

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Strong and Diverse Edge AI Pipeline


Ear Protection


Worker Safety


Smart Grid Sensors


Continuous Glucose Monitors


Smart Remote


Hearing Aids



Vibrational Sensors



Cardiac Monitors


Water & Gas Meters

Glass-break detection sensor

- Enables always-on AI sensing while meeting stringent power constraints
- Leverages both the Apollo hardware and HELIA AI software platforms
- Opportunity to expand across customer's broad portfolio of applications

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Unlocking Access to New Markets and Edge AI Use Cases

more radio protocols | extended temp | lower prices | smaller form factors

APOLLO510 — APOLLO510 LITE — APOLLO330

Personal Devices			  
Industrial Edge			 
Smart Home & Buildings			 
Medical & Healthcare			

New Software Tools and AI Models

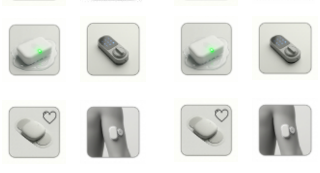
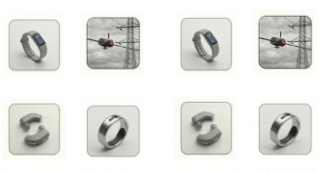
heliaAOT™ heliaRT™ heliaPROFILER™ heartKIT™ soundKIT™

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Unlocking Access to New Markets and Edge AI Use Cases

more radio protocols | extended temp | lower prices | smaller form factors | *mass market AI* | *derivatives*

	APOLLO510	APOLLO510 LITE	APOLLO330	APOLLO340
Personal Devices	 	  		
Industrial Edge		  		
Smart Home & Buildings		  		
Medical & Healthcare		 		

New Software Tools and AI Models

heliaAOT™ heliaRT™ heliaPROFILER™ heartKIT™ soundKIT™ compressionKIT™

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Unlocking Access to New Markets and Edge AI Use Cases

more radio protocols | extended temp | lower prices | smaller form factors | *mass market AI* | *derivatives* | *npu* | *vision*

	APOLLO510	APOLLO510 LITE	APOLLO330	APOLLO340	ATOMIQ
Personal Devices	 	  			
Industrial Edge		  			
Smart Home & Buildings		  			
Medical & Healthcare		 			

New Software Tools and AI Models

heliaAOT™ heliaRT™ heliaPROFILER™ heartKIT™ soundKIT™ compressionKIT™ visionKIT™

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Results & Outlook

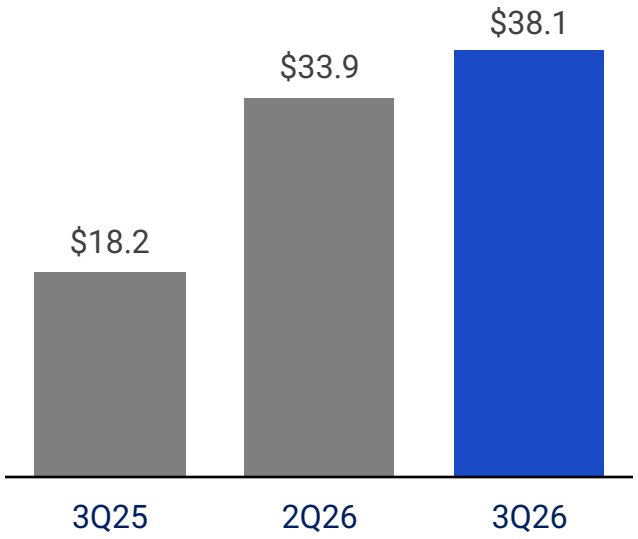


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Quarterly Financial Results

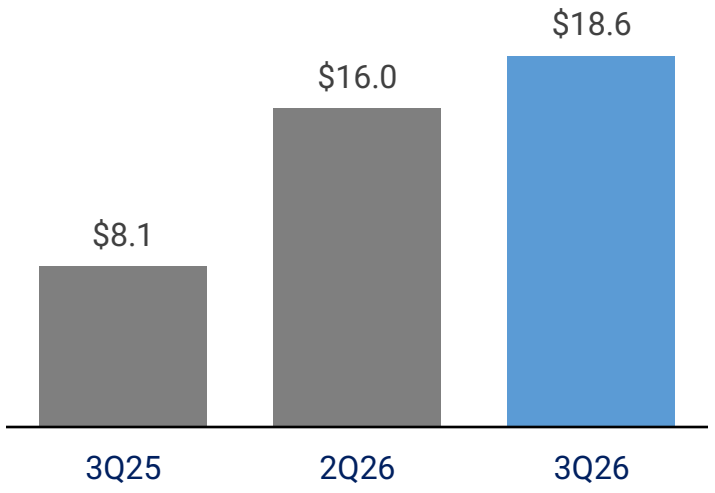
Net Sales

(dollars in millions)

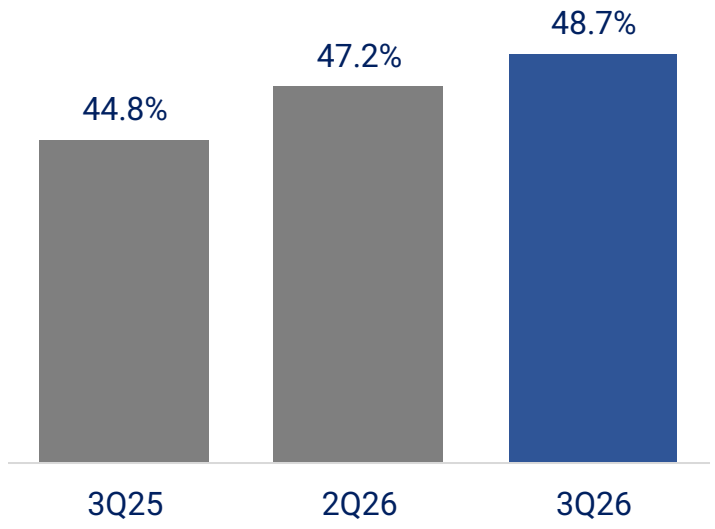


Non-GAAP Gross Profit[1]

(dollars in millions)



Non-GAAP Gross Margin[1]



Strong momentum in 3Q with year-over-year and sequential growth in net sales, non-GAAP gross profit and non-GAAP gross margin

1. Non-GAAP gross profit and non-GAAP gross margin are non-GAAP financial measures. Please refer to the Appendix for reconciliation to the nearest GAAP measure.

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Third Quarter Key Takeaways

- Net sales year-over-year growth driven by strong demand across customers, product families and form factors
- Sales outside major customers increased >270% year-over-year
- Non-GAAP gross margin[1] expansion driven by manufacturing efficiencies and higher-value solutions enabled bu SPOT
- Non-GAAP operating expense[1] reflected continued investment in next-generation products currently underway

	3Q26	YoY
Net Sales	$38.1M	*+110.0%*
Non-GAAP Gross Profit[1]	$18.6M	*+128.0%*
Non-GAAP Gross Margin[1]	48.7%	*+3.9 pts*
Non-GAAP Op Ex[1]	$22.8M	*+72.9%*
Non-GAAP Net Loss Per Share[1]	$(0.05)	*NM*

1. Non-GAAP gross profit, non-GAAP gross margin, non-GAAP op ex and non-GAAP net loss per share are non-GAAP financial measures. Please refer to the Appendix for reconciliation to the nearest GAAP measure.

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Strong Balance Sheet

Product Innovation

Enhanced Sales and Marketing



As of 9/30/26

Total Assets
$434.9 Million

Total Liabilities
$29.5 Million

No Outstanding Debt

Strong financial position provides the flexibility to invest in product development, software and working capital needs to support growth

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Financial Outlook[1]

4Q26 Drivers

- Underlying edge AI demand expected to accelerate further in 4Q
- Flat gross margin as manufacturing efficiencies and product mix offset increased supply chain cost pressure
- Operating expenses inclusive of $0.5M IP spending and other costs associated with Atomiq110 and Apollo340 tape-outs

FY26 Expectations

- Approximately $140M in full-year net sales compared to initial expectation of more than $100M
- Almost 300bps of year-over-year non-GAAP gross margin expansion compared to initial expectation of modest improvement

4Q 2026 Outlook

Net Sales	*$43.5M - $44.5M*
Non-GAAP Gross Margin[2]	*~Flat vs. 3Q26*
Non-GAAP Op Ex[2]	*$25.5M - $26.5M*
Non-GAAP Net Loss Per Share[2]	*$(0.09) – $(0.03)*

1. As of November 10, 2026.
2. Ambiq's financial outlook is based on assumptions that it believes to be reasonable as of the date of this release, but may be materially affected by many factors, as discussed below in "Forward-Looking Statements." Actual results may vary from the guidance and the variations may be material. We undertake no intent or obligation to publicly update or revise this outlook, whether as a result of new information, future events or otherwise, except as required by law. The Company is unable to include a reconciliation of forward-looking non-GAAP net loss per share, non-GAAP gross margin and non-GAAP operating expense to the most directly comparable GAAP measure without unreasonable effort due to the high variability with respect to the impact of items such as depreciation and amortization and, stock-based compensation expense and other items that are excluded from these non-GAAP measures.

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Well Positioned for Future Growth



Delivered sequential and YOY growth in net sales, non-GAAP gross profit and non-GAAP gross margin



Accelerating demand for edge AI supports continued top-line momentum



Continuing to expand into key end markets through Apollo and software innovation



Enabling heavier edge AI capabilities and expanding our reach with Atomiq and Apollo launches



Driving margin expansion from improved yields and continued end-market diversification



Maintaining strong liquidity with ample dry powder to invest in strategic growth initiatives

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Appendix:
Non-GAAP Reconciliations

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Non-GAAP Financial Measures

	Three Months ended September 30,	
($ in thousands)	**2026**	**2025**
Net loss	$(7,056)	$(9,002)
Add:		
Income taxes	4	3
Depreciation and amortization	1,814	1,754
Stock-based compensation	4,017	2,068
IPO-related bonus	--	1,200
Non-GAAP net loss	$(1,221)	$(3,977)
Weighted-average shares used in computing GAAP net loss per share	24,274,796	12,464,236
Net loss per share	$(0.29)	$(0.72)
Weighted-average shares used in computing GAAP net loss per share[1]	24,274,796	18,238,462
Non-GAAP net loss per share	$(0.05)	$(0.22)

1. For the three months ended September 30, 2025 pro forma common shares gives effect to the automatic conversion of outstanding equity instruments and the issuance of shares in connection with the initial public offering, as if all such events had occurred as of the beginning of the period presented.

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Non-GAAP Financial Measures

	Three Months ended September 30,		Three Months ended June 30,
($ in thousands)	**2026**	**2025**	**2026**
Gross profit	$17,823	$7,677	$15,267
Add:			
Depreciation and amortization	506	439	504
Stock-based compensation	230	25	218
Non-GAAP gross profit	$18,559	$8,141	$15,989
Gross Margin	46.7%	42.3%	45.0%
Non-GAAP Gross Margin	48.7%	44.8%	47.2%

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Non-GAAP Financial Measures

	Three Months ended September 30,	
($ in thousands)	**2026**	**2025**
Operating expenses	$27,851	$17,720
Less:		
Depreciation and amortization	1,308	1,315
Stock-based compensation	3,787	2,043
IPO-related bonus	--	1,200
Non-GAAP operating expenses	$22,756	$13,162

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Ambiq: Enabling AI Everywhere with SPOT