

**AMD
FINANCIAL
RESULTS**

Third Quarter 2023

October 31, 2023

CAUTIONARY STATEMENT

This presentation contains forward-looking statements concerning Advanced Micro Devices, Inc. (AMD), such as the features, functionality, performance, availability, timing and expected benefits of AMD products; AMD's expected fourth quarter 2023 financial outlook, including revenue, non-GAAP gross margin, non-GAAP operating expenses, non-GAAP tax rate and diluted share count; AMD's large and compelling TAM; AMD's ability to expand Data Center and AI leadership; and AMD's ability to drive long-term shareholder returns, which are made pursuant to the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are commonly identified by words such as "would," "may," "expects," "believes," "plans," "intends," "projects" and other terms with similar meaning. Investors are cautioned that the forward-looking statements in this presentation are based on current beliefs, assumptions and expectations, speak only as of the date of this presentation and involve risks and uncertainties that could cause actual results to differ materially from current expectations. Such statements are subject to certain known and unknown risks and uncertainties, many of which are difficult to predict and generally beyond AMD's control, that could cause actual results and other future events to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Material factors that could cause actual results to differ materially from current expectations include, without limitation, the following: Intel Corporation's dominance of the microprocessor market and its aggressive business practices; global economic uncertainty; cyclical nature of the semiconductor industry; market conditions of the industries in which AMD products are sold; loss of a significant customer; impact of the COVID-19 pandemic on AMD's business, financial condition and results of operations; competitive markets in which AMD's products are sold; quarterly and seasonal sales patterns; AMD's ability to adequately protect its technology or other intellectual property; unfavorable currency exchange rate fluctuations; ability of third party manufacturers to manufacture AMD's products on a timely basis in sufficient quantities and using competitive technologies; availability of essential equipment, materials, substrates or manufacturing processes; ability to achieve expected manufacturing yields for AMD's products; AMD's ability to introduce products on a timely basis with expected features and performance levels; AMD's ability to generate revenue from its semi-custom SoC products; potential security vulnerabilities; potential security incidents including IT outages, data loss, data breaches and cyber-attacks; potential difficulties in upgrading and operating AMD's new enterprise resource planning system; uncertainties involving the ordering and shipment of AMD's products; AMD's reliance on third-party intellectual property to design and introduce new products in a timely manner; AMD's reliance on third-party companies for design, manufacture and supply of motherboards, software and other computer platform components; AMD's reliance on Microsoft and other software vendors' support to design and develop software to run on AMD's products; AMD's reliance on third-party distributors and add-in-board partners; impact of modification or interruption of AMD's internal business processes and information systems; compatibility of AMD's products with some or all industry-standard software and hardware; costs related to defective products; efficiency of AMD's supply chain; AMD's ability to rely on third party supply-chain logistics functions; AMD's ability to effectively control sales of its products on the gray market; impact of government actions and regulations such as export administration regulations, tariffs and trade protection measures; AMD's ability to realize its deferred tax assets; potential tax liabilities; current and future claims and litigation; impact of environmental laws, conflict minerals-related provisions and other laws or regulations; impact of acquisitions, joint ventures and/or investments on AMD's business and AMD's ability to integrate acquired businesses; impact of any impairment of AMD's tangible, definite-lived or indefinite-lived intangible assets, including goodwill, on AMD's financial position and results of operation; restrictions imposed by agreements governing AMD's notes, the guarantees of Xilinx's notes and the revolving credit facility; AMD's indebtedness; AMD's ability to generate sufficient cash to meet its working capital requirements or generate sufficient revenue and operating cash flow to make all of its planned R&D or strategic investments, as well as the impact of financial institution failure on AMD's cash and cash equivalents; political, legal, economic risks and natural disasters; future impairments of technology license purchases; AMD's ability to attract and retain qualified personnel; AMD's stock price volatility. Investors are urged to review in detail the risks and uncertainties in AMD's Securities and Exchange Commission filings, including but not limited to AMD's most recent reports on Forms 10-K and 10-Q.

NON-GAAP FINANCIAL MEASURES

In this presentation, in addition to GAAP financial results, AMD has provided non-GAAP financial measures including non-GAAP gross profit, non-GAAP operating expenses, non-GAAP operating income, non-GAAP net income and non-GAAP diluted earnings per share. AMD uses a normalized tax rate in its computation of the non-GAAP income tax provision to provide better consistency across the reporting periods. For fiscal year 2023, AMD uses a projected non-GAAP tax rate of 13%, which excludes the tax impact of pre-tax non-GAAP adjustments, reflecting currently available information. AMD is providing these financial measures because it believes this non-GAAP presentation makes it easier for investors to compare its operating results for current and historical periods and also because AMD believes it assists investors in comparing AMD's performance across reporting periods on a consistent basis by excluding items that it does not believe are indicative of its core operating performance. The non-GAAP financial measures disclosed in this presentation should be viewed in addition to and not as a substitute for or superior to AMD's reported results prepared in accordance with GAAP and should be read only in conjunction with AMD's Consolidated Financial Statements prepared in accordance with GAAP. These non-GAAP financial measures referenced are reconciled to their most directly comparable GAAP financial measures in the Appendices at the end of this presentation. This presentation also contains forward-looking non-GAAP measures concerning AMD's financial outlook such as gross margin and operating expenses. These forward-looking non-GAAP measures are based on current expectations as of October 31, 2023, and assumptions and beliefs that involve numerous risks and uncertainties. AMD undertakes no intent or obligation to publicly update or revise its forward-looking statements made in this presentation except as may be required by law.

AMD

OUR JOURNEY

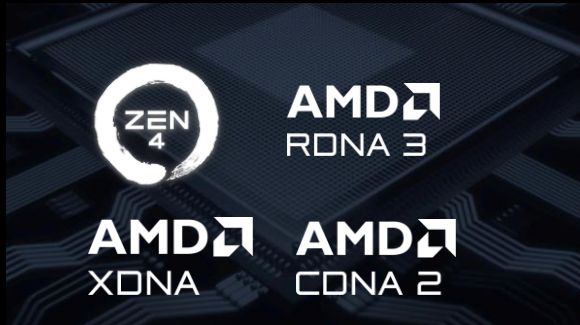
Leadership
Product Portfolio

Expanding Customer
& Partner Ecosystem

Data Center
and AI Growth

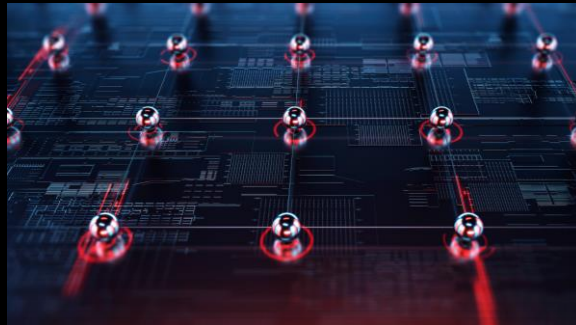
Strong
Financial Foundation

OUR LEADERSHIP TECHNOLOGY



Broad IP Portfolio

Executing leadership CPU, GPU, DPU, FPGA, Adaptive SoC and AI products



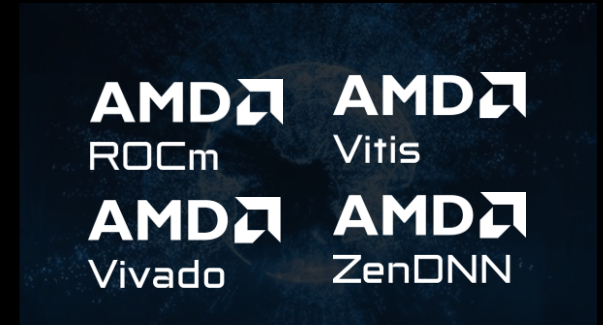
Advanced Technology

Driving leadership process technology and 3D chiplet packaging



Data Center Leadership

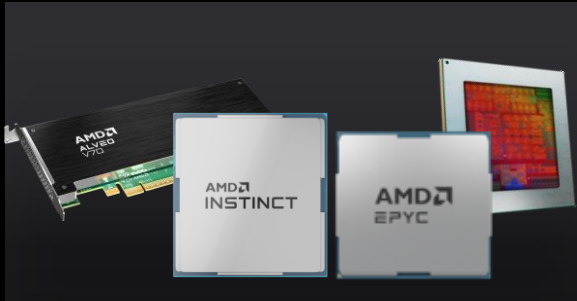
Delivering innovation in cloud, enterprise, AI and accelerated computing



Software Enablement

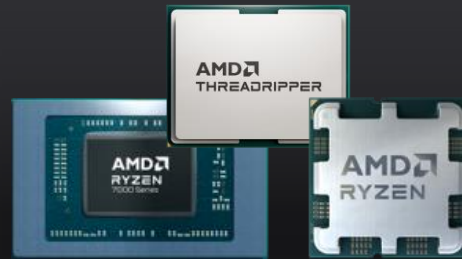
Open-source software optimized for performance across heterogenous solutions

OUR LEADERSHIP PRODUCTS



Data Center

Leadership data center and AI solutions with server CPUs, GPUs, FPGAs, DPUs and Adaptive SoCs



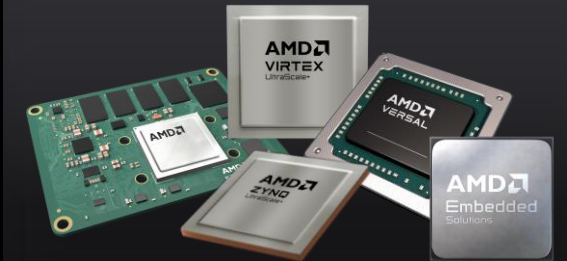
Client

Leadership CPUs and APUs for notebook and desktop PCs and commercial workstations



Gaming

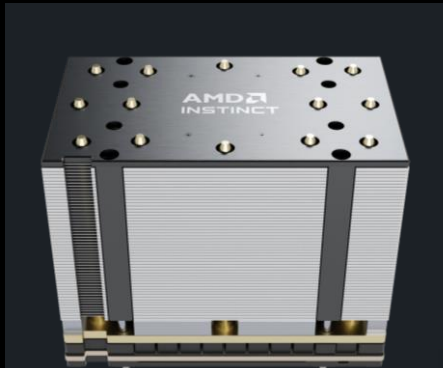
Top-to-bottom desktop and notebook GPUs, game console and semi-custom SoCs



Embedded

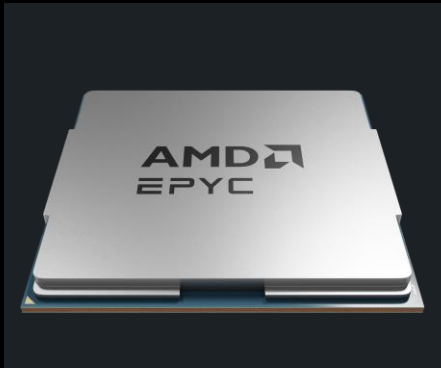
Leadership FPGAs, Adaptive SoCs and SoMs, and embedded CPUs and GPUs for a broad set of markets

AMD IS UNIQUELY POSITIONED IN AI



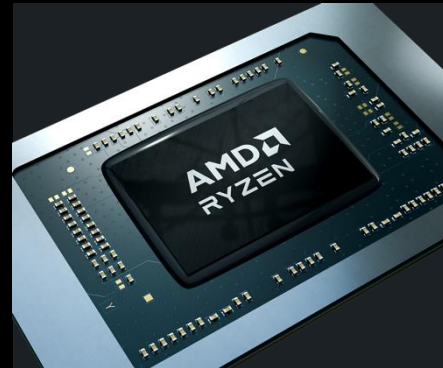
AMD Instinct™
MI250 & MI300
Accelerators

Data Center HPC
and AI Solutions



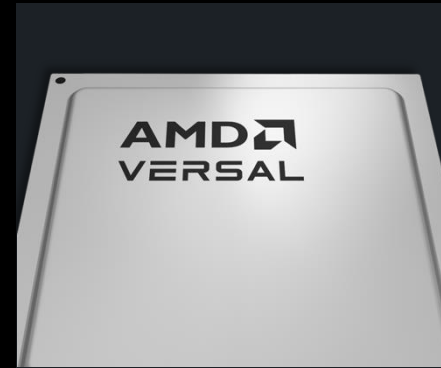
AMD 4th Gen EPYC™
Processors

Leadership
Server Solutions



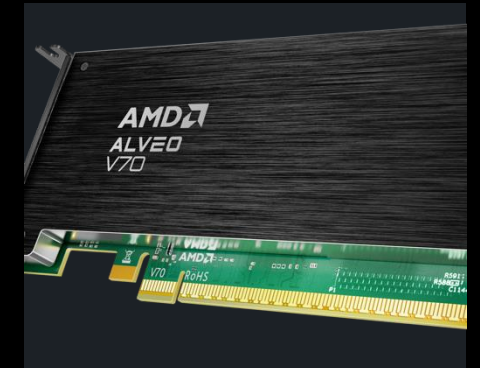
Ryzen™ 7040
Mobile processors
with AI accelerator

First x86 CPU with
Integrated AI accelerator



Embedded
Versal™ AI Edge
Zynq™ MPSoC

Adaptive SoC + AI
for Embedded



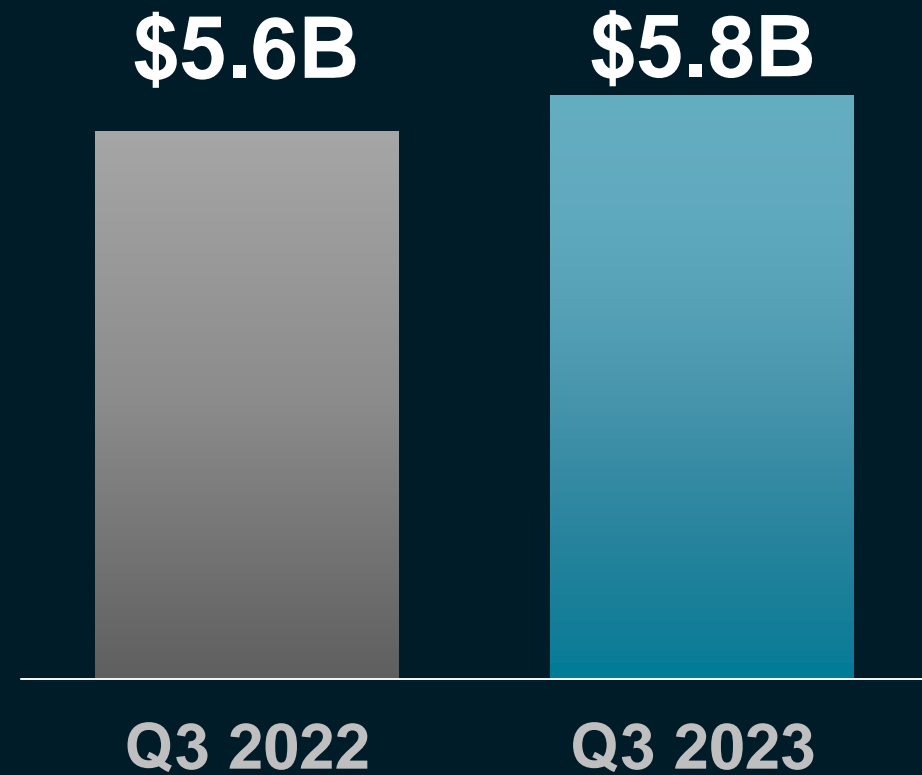
AMD Alveo™
Accelerators

AI Inference
Optimized Solutions

DELIVERING A COMPREHENSIVE AI COMPUTE PORTFOLIO

REVENUE Q3 2023

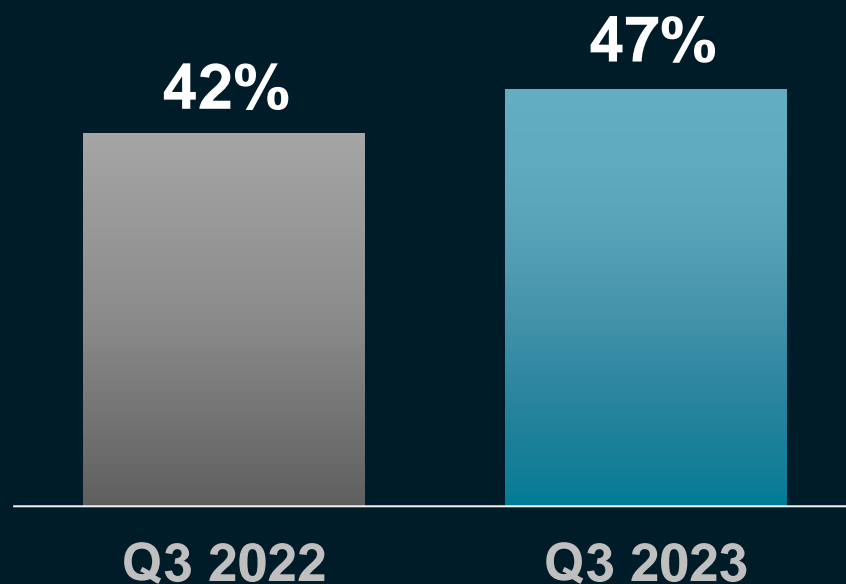
- Revenue of \$5.8 billion increased 4% y/y as growth in Client segment revenue was partially offset by lower Gaming and Embedded segment revenue



GROSS MARGIN Q3 2023

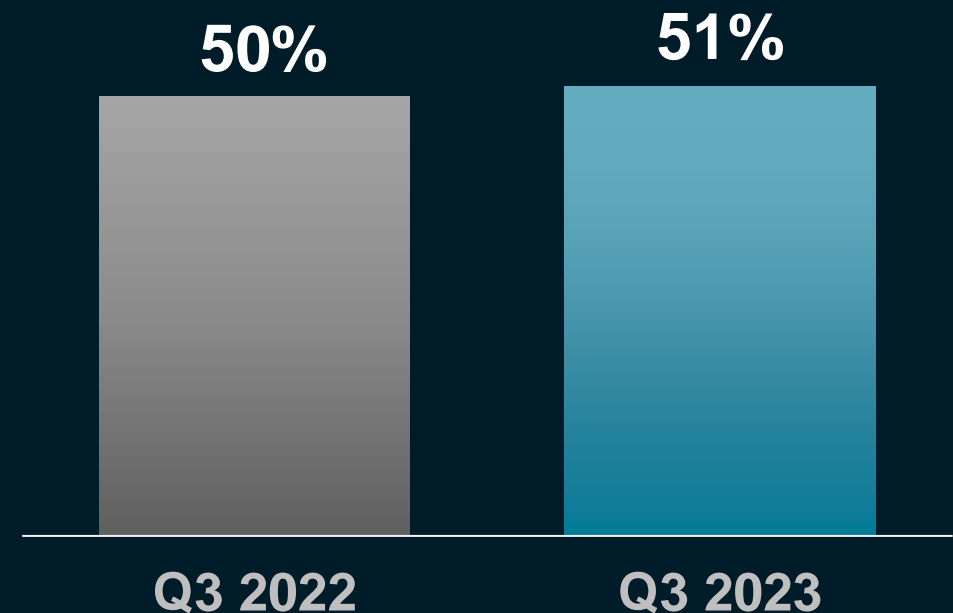


GAAP



- GAAP gross margin increase driven by lower amortization of acquisition-related intangible assets, stronger Client segment revenue and product mix

Non-GAAP¹



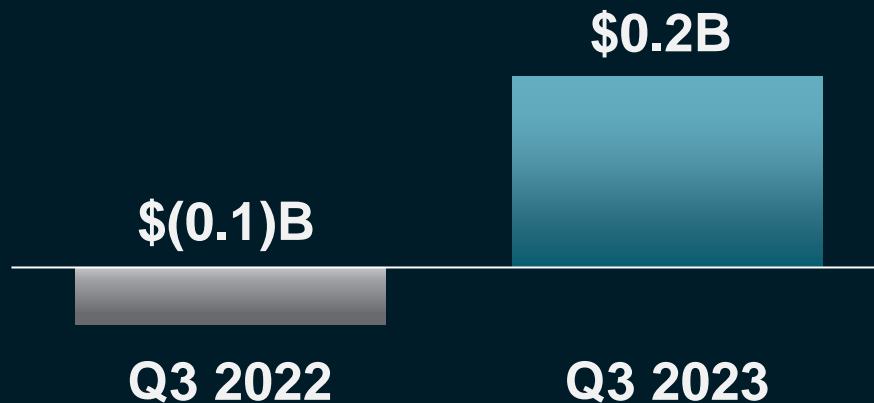
- Non-GAAP gross margin increase primarily driven by stronger Client segment revenue and product mix

1. See Appendices for GAAP to Non-GAAP reconciliation

OPERATING INCOME (LOSS) Q3 2023

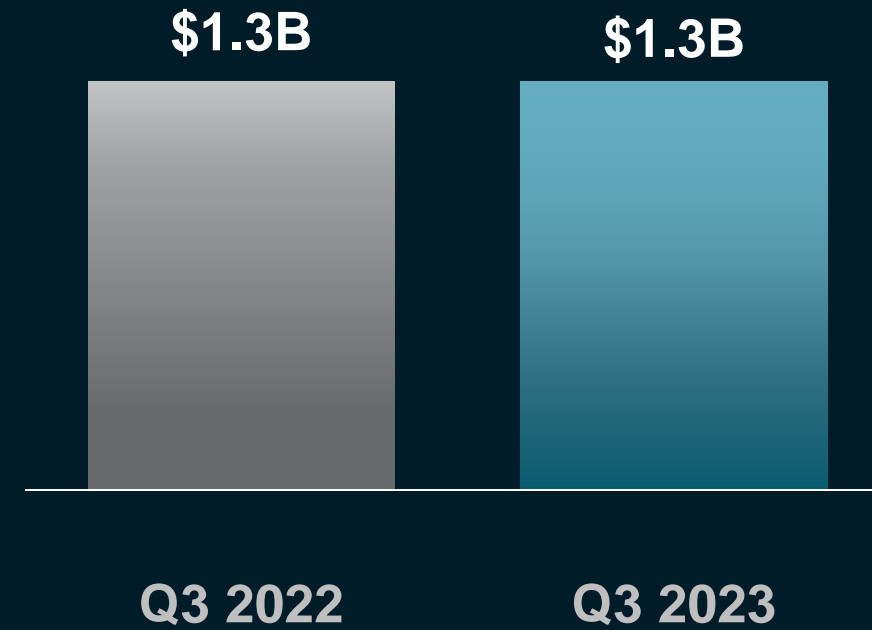


GAAP



- GAAP operating income driven by lower amortization of acquisition-related intangible assets, stronger Client segment revenue and product mix, partially offset by increased R&D investments in AI

Non-GAAP¹



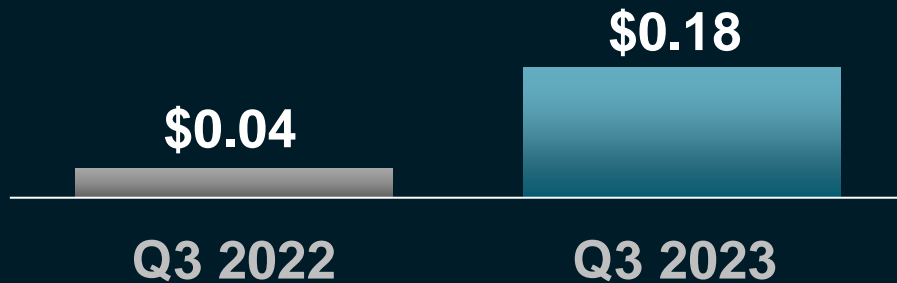
- Non-GAAP operating income flat y/y due to stronger Client segment revenue and product mix, offset by increased R&D investments in AI

1. See Appendices for GAAP to Non-GAAP reconciliation

EARNINGS PER SHARE¹ Q3 2023

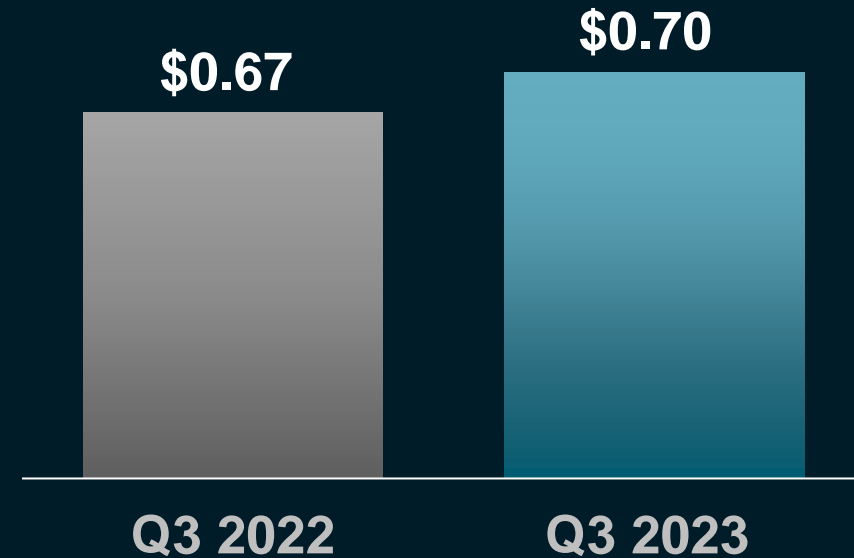


GAAP



- GAAP net income of \$299 million, up 353% y/y
- GAAP EPS of \$0.18, up 350% y/y, primarily driven by lower amortization of acquisition-related intangible assets and stronger Client segment revenue

Non-GAAP



- Non-GAAP net income of \$1.1 billion, up 4% y/y
- Non-GAAP EPS of \$0.70, up 4% y/y, primarily driven by stronger Client segment revenue

1. Earnings Per Share (EPS) = Diluted earnings per share; see Appendices for GAAP to Non-GAAP reconciliation

Q3 2023 SUMMARY P&L | GAAP

(\$ in millions, except per share data)	Q3'23	Q3'22	Y/Y	Q2'23	Q/Q
Revenue	\$5,800	\$5,565	Up 4%	\$5,359	Up 8%
Gross Profit	\$2,747	\$2,354	Up 17%	\$2,443	Up 12%
Gross Margin	47%	42%	Up 5 pts	46%	Up 1 ppt
Operating Expenses	\$2,533	\$2,426	Up 4%	\$2,471	Up 3%
Operating Expense/Revenue %	44%	44%	Flat	46%	Down 2 pts
Operating Income (Loss)	\$224	(\$64)	Up 450%	(\$20)	Up 1,220%
Operating Margin	4%	(1%)	Up 5 pts	0%	Up 4 pts
Net Income	\$299	\$66	Up 353%	\$27	Up 1,007%
Earnings Per Share ¹	\$0.18	\$0.04	Up 350%	\$0.02	Up 800%

1. Earnings Per Share (EPS) = Diluted earnings per share

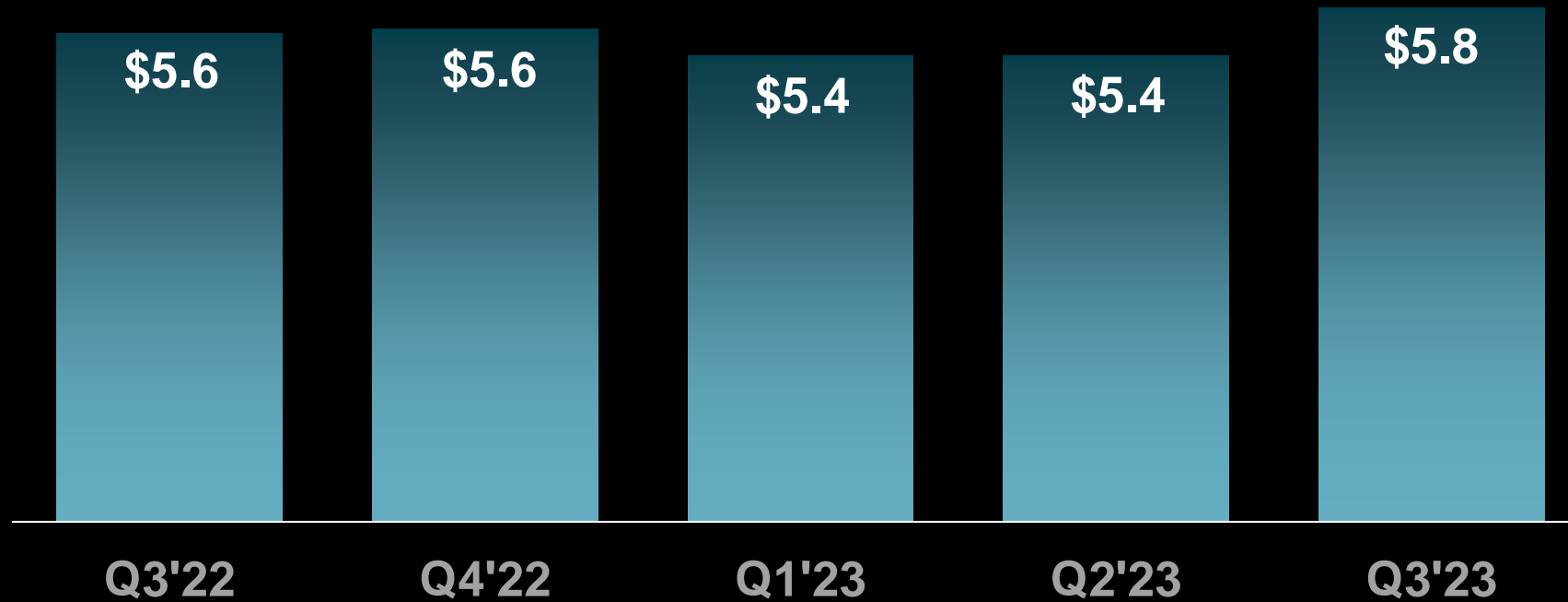
Q3 2023 SUMMARY P&L | NON-GAAP¹

(\$ in millions, except per share data)	Q3'23	Q3'22	Y/Y	Q2'23	Q/Q
Revenue	\$5,800	\$5,565	Up 4%	\$5,359	Up 8%
Gross Profit	\$2,963	\$2,776	Up 7%	\$2,665	Up 11%
Gross Margin	51%	50%	Up 1 ppt	50%	Up 1 ppt
Operating Expenses	\$1,697	\$1,520	Up 12%	\$1,605	Up 6%
Operating Expense/Revenue %	29%	27%	Up 2 ppts	30%	Down 1 ppt
Operating Income	\$1,276	\$1,264	Flat	\$1,068	Up 19%
Operating Margin	22%	23%	Down 1 ppt	20%	Up 2 ppt
Net Income	\$1,135	\$1,095	Up 4%	\$948	Up 20%
Earnings Per Share	\$0.70	\$0.67	Up 4%	\$0.58	Up 21%

1. See Appendices for GAAP to Non-GAAP reconciliation; Earnings Per Share (EPS) = Diluted earnings per share

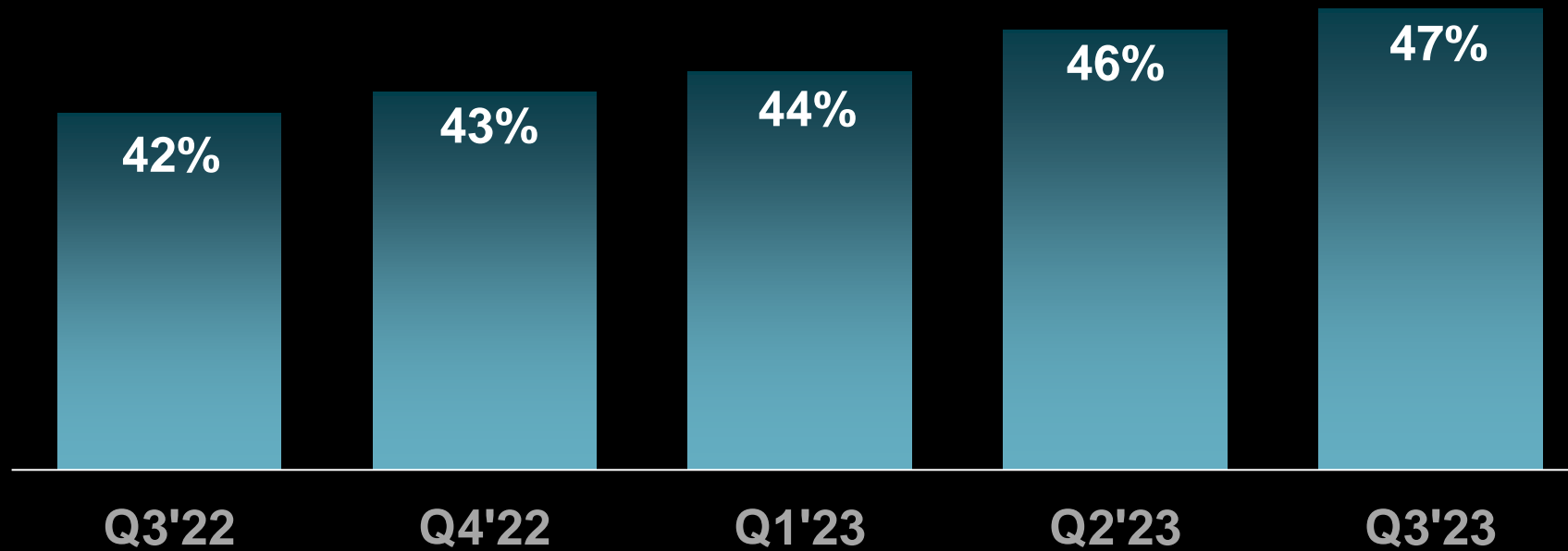
REVENUE

(\$ in Billions)



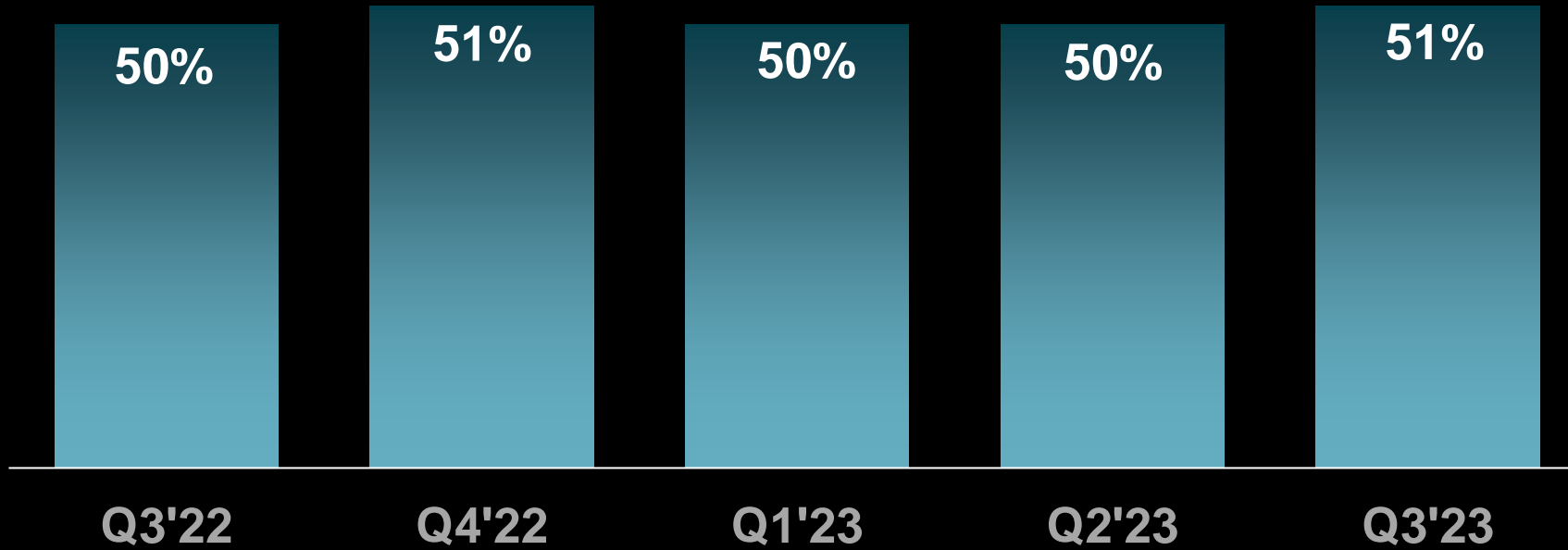
GROSS MARGIN

(GAAP)



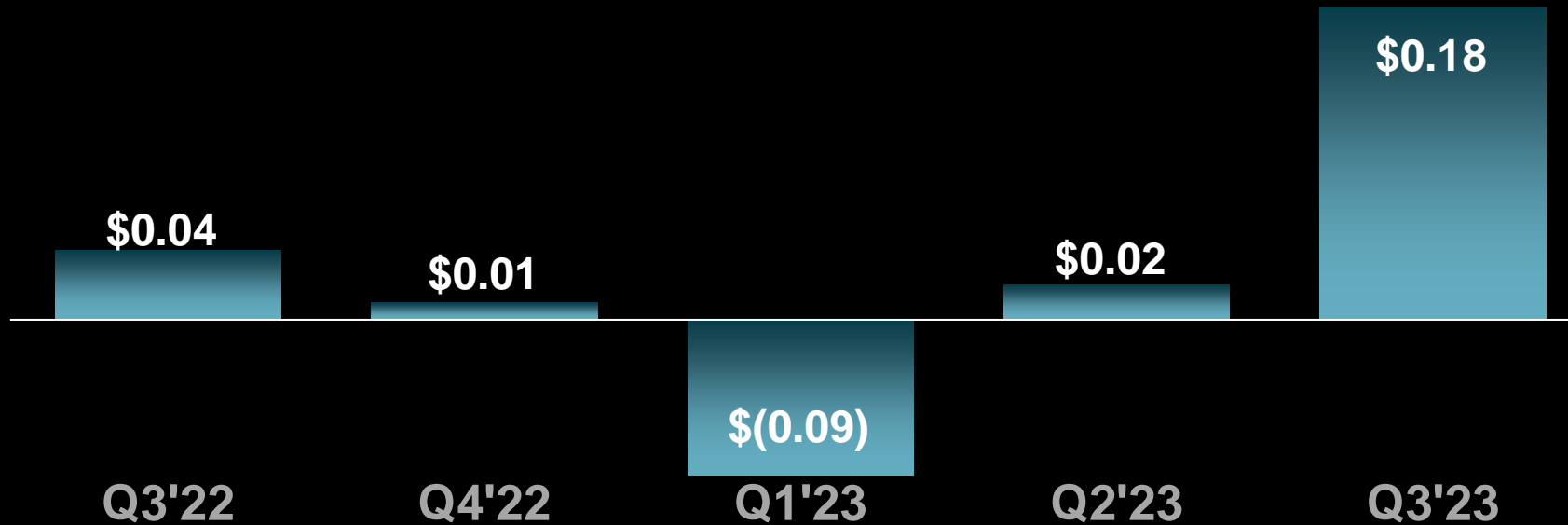
GROSS MARGIN

(Non-GAAP)¹



EARNINGS (LOSS) PER SHARE¹

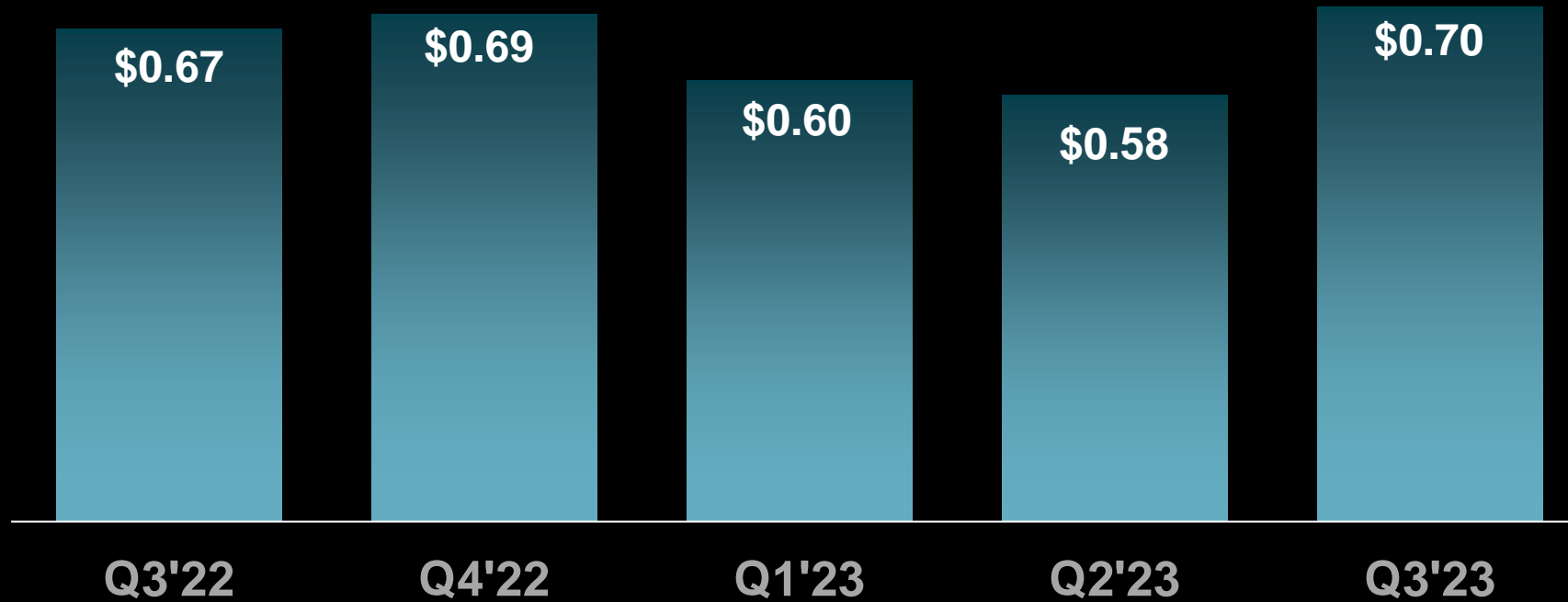
(GAAP)



1. Earnings Per Share (EPS) = Diluted earnings per share except for Q1'23 for which basic shares were used

EARNINGS PER SHARE

(Non-GAAP)¹



1. See Appendices for GAAP to Non-GAAP reconciliation; Earnings Per Share (EPS) = Diluted earnings per share

Q3 2023 SUMMARY BALANCE SHEET ITEMS

(\$ in millions)	Q3'23	Q2'23	Q/Q
Cash, Cash Equivalents and Short-term Investments	\$5,785	\$6,285	Down 8%
Accounts Receivable, Net	\$5,054	\$4,312	Up 17%
Inventories	\$4,445	\$4,567	Down 3%
Total Debt	\$2,467	\$2,467	Flat

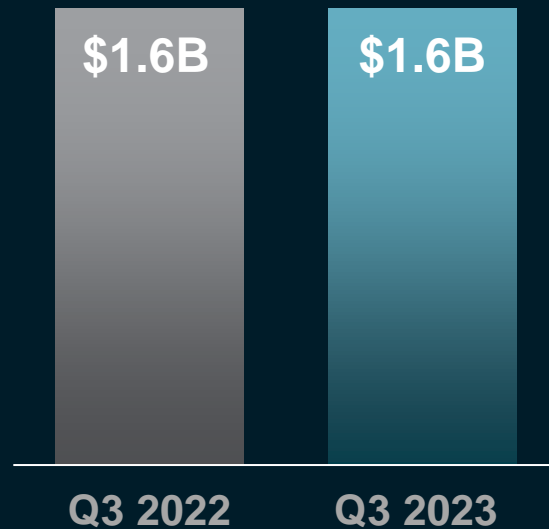
Q3 2023 SEGMENT RESULTS

(\$ in millions)	Q3'23	Q3'22	Y/Y	Q2'23	Q/Q
Data Center					
Net Revenue	\$1,598	\$1,609	Flat	\$1,321	Up 21%
Operating Income	\$306	\$505	Down 39%	\$147	Up 108%
Client					
Net Revenue	\$1,453	\$1,022	Up 42%	\$998	Up 46%
Operating Income (Loss)	\$140	(\$26)	Up 638%	(\$69)	Up 303%
Gaming					
Net Revenue	\$1,506	\$1,631	Down 8%	\$1,581	Down 5%
Operating Income	\$208	\$142	Up 46%	\$225	Down 8%
Embedded					
Net Revenue	\$1,243	\$1,303	Down 5%	\$1,459	Down 15%
Operating Income	\$612	\$635	Down 4%	\$757	Down 19%

DATA CENTER SEGMENT Q3 2023



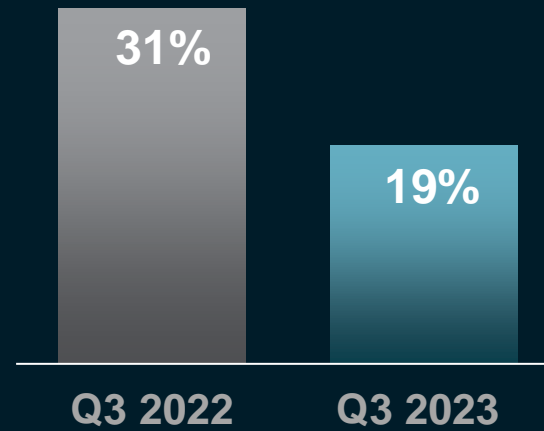
Revenue



Revenue
\$1.6 Billion
Flat y/y

Growth in 4th Gen EPYC™ CPU sales offset by decrease in adaptive System-on-Chip (SoC) product sales

Operating Margin



Operating Income
\$306 Million
vs. \$505 Million a year ago

Primarily due to increased R&D investments to support future AI revenue growth and product mix



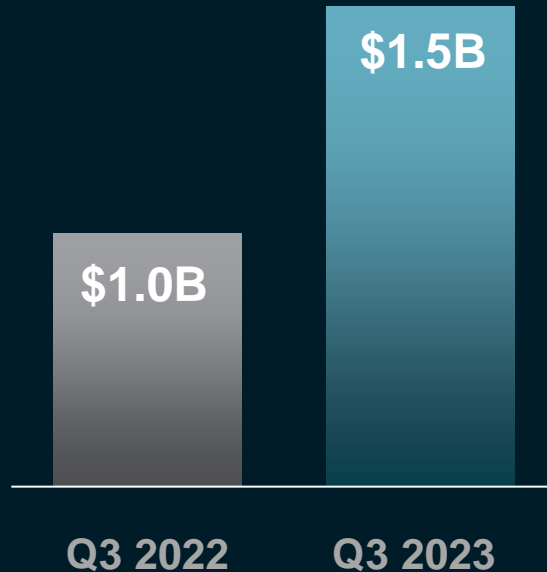
Strategic Highlights

- Almost 100 new AMD processor-powered cloud instances launched from Amazon, Google, Microsoft, Oracle, Tencent and others
- Enterprise wins in automotive, aerospace, financial services, pharmaceutical and technology
- Launched 4th Gen EPYC “Siena” processors for intelligent edge and telco applications
- Announced acquisitions of Mipsology and Nod.ai to support expanding AI software capabilities
- AMD Instinct™ MI300A and MI300X GPU production shipments expected during Q4’23

CLIENT SEGMENT Q3 2023



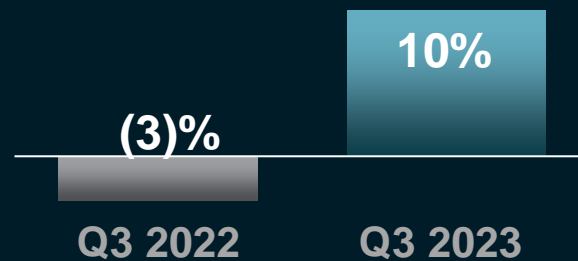
Revenue



Revenue
\$1.5 Billion
Up 42% y/y

Primarily driven by higher
Ryzen mobile processor sales

Operating Margin



Operating Income
\$140 Million
vs. \$26 Million Loss
a year ago

Primarily driven by higher revenue
and lower operating expenses



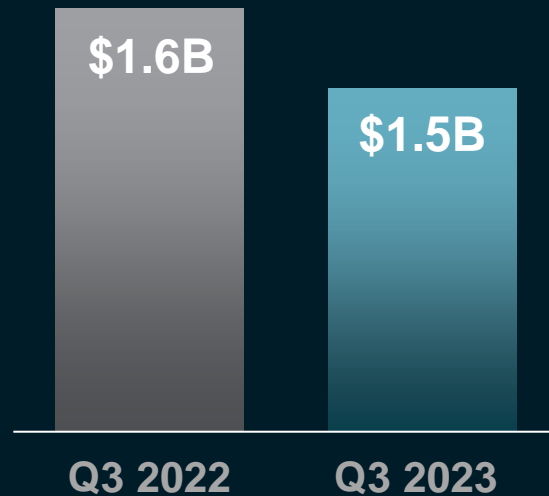
Strategic Highlights

- Growth driven by strong demand for Ryzen™ 7000 series desktop and notebook processors
- More than 50 notebook designs powered by Ryzen AI in market
- Launched first Threadripper™ PRO workstation CPUs based on “Zen 4” core with Dell, HP and Lenovo announcing workstations powered by new Threadripper PRO processors

GAMING SEGMENT Q3 2023



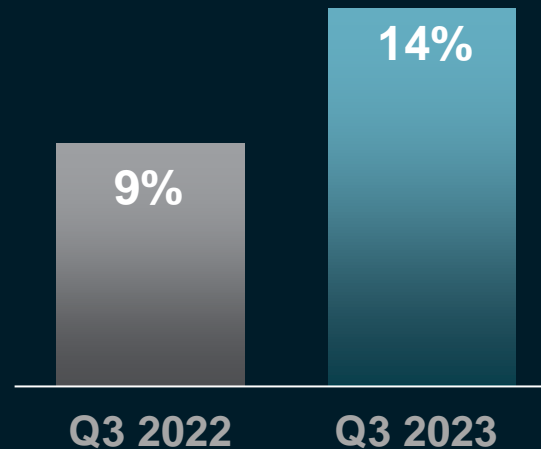
Revenue



Revenue
\$1.5 Billion
Down 8% y/y

Primarily due to decreased semi-custom revenue, partially offset by increased Radeon GPU sales

Operating Margin



Operating Income
\$208 Million
vs. \$142 Million a year ago

Primarily driven by increased Radeon GPU revenue



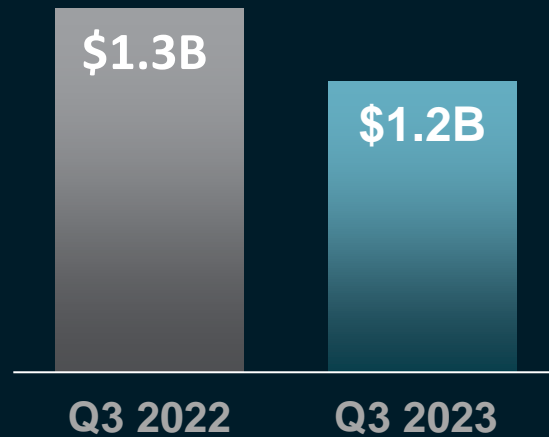
Strategic Highlights

- Launched new Radeon™ RX 7000 enthusiast desktop GPUs offering leadership price/performance for 1440P gamers
- Launched first AMD RDNA 3 architecture-based mobile GPU enabling desktop-level performance in Alienware's newest m18 gaming laptop

EMBEDDED SEGMENT Q3 2023



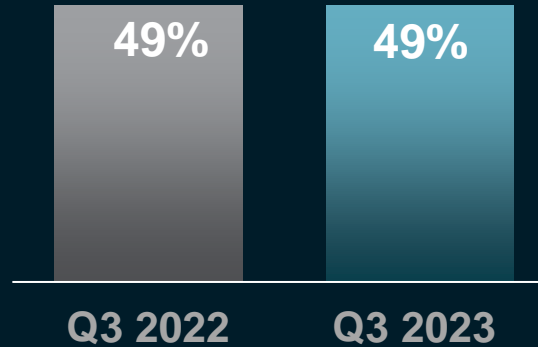
Revenue



Revenue
\$1.2 Billion
Down 5% y/y

Primarily due to lower revenue in the communications market

Operating Margin



Operating Income
\$612 Million
vs. \$635 Million a year ago

Slight decline in operating income primarily due to higher R&D expenses



Strategic Highlights

- Launched first AMD adaptive SoCs with on-chip HBM memory delivering significant performance and efficiency for data center, network, test and aerospace applications
- Announced next-generation space-grade Versal SoC integrating an enhanced AI Engine
- Launched Alveo accelerator card for fintech market delivering 7x improvement in latency compared to prior generation*

FINANCIAL OUTLOOK – NON-GAAP¹

(\$ in millions)	Q4'23
Revenue	~\$6.1 Billion +/- \$300 Million Increase of ~9% y/y and ~5% q/q
Gross Margin	~51.5%
Operating Expenses	~\$1.74 Billion
Effective Tax Rate	~13% of pre-tax income
Diluted Share Count ²	~1.63 Billion shares

1. See Cautionary Statement on Slide 2. These forward-looking outlook statements and non-GAAP measures are based on current expectations as of October 31, 2023, and assumptions and beliefs that involve numerous risks and uncertainties. AMD undertakes no intent or obligation to publicly update or revise its outlook statements as a result of new information, future events or otherwise, except as may be required by law. All items, except revenue, are on a non-GAAP basis. Adjustments to arrive at the GAAP financial outlook typically include stock-based compensation, amortization of acquired intangible assets, income tax provision, and other non-recurring items such as impairment charges and acquisition-related costs. The timing and impact of such adjustments are dependent on future events that are typically uncertain or outside of AMD's control, therefore, a reconciliation to equivalent GAAP measures is not practicable at this time.

2. Refer to Diluted Share Count overview in the Appendices

Q3 2023 SUMMARY¹

Revenue
\$5.8B
Up 4% y/y

Client Segment
Revenue \$1.5B
Up 42% y/y

Gross Margin 47%
Non-GAAP
Gross Margin 51%

EPS \$0.18
Non-GAAP EPS \$0.70

Y/Y GROWTH IN REVENUE, GROSS MARGIN AND EPS

STRONG DEMAND FOR 4TH GEN EPYC
AND RYZEN 7000 PROCESSORS

AMD COMMITMENT TO ESG



Environmental

Advancing environmental solutions in our products, supply chain and operations, while accelerating energy efficiency for IT users

Social

Fostering a culture of diversity, belonging and inclusion, partnering with suppliers and positively impacting our communities

Governance

Integrating corporate responsibility and governance across product design, supply chain, operations and external engagement

TOGETHER WE ADVANCE CORPORATE RESPONSIBILITY

OUR MOMENTUM

**Large and
Compelling
TAM**

**Technology
Leadership**

**Expanding
Data Center and
AI Leadership**

**World-Class
Execution
and Focus**

**Strong
Balance Sheet**

DRIVING LONG-TERM SHAREHOLDER RETURNS

APPENDICES

RECONCILIATION OF GAAP TO NON-GAAP GROSS PROFIT AND GROSS MARGIN

(Millions) (Unaudited)	Q3'22	Q4'22	Q1'23	Q2'23	Q3'23
GAAP gross profit	\$ 2,354	\$ 2,403	\$ 2,359	\$ 2,443	\$ 2,747
GAAP gross margin	42%	43%	44%	46%	47%
Stock-based compensation	8	9	8	10	6
Amortization of acquisition-related intangibles	412	443	305	212	210
Acquisition-related and other costs ⁽¹⁾	2	4	3	-	-
Non-GAAP gross profit	\$ 2,776	\$ 2,859	\$ 2,675	\$ 2,665	\$ 2,963
Non-GAAP gross margin	50%	51%	50%	50%	51%

RECONCILIATION OF GAAP TO NON-GAAP OPERATING EXPENSES

(Millions) (Unaudited)	Q3'23	Q3'22	Q2'23
GAAP operating expenses	\$ 2,533	\$ 2,426	\$ 2,471
GAAP operating expenses/revenue %	44%	44%	46%
Stock-based compensation	347	261	338
Amortization of acquisition-related intangibles	450	590	481
Acquisition-related and other costs ⁽¹⁾	39	55	47
Non-GAAP operating expenses	\$ 1,697	\$ 1,520	\$ 1,605
Non-GAAP operating expenses/revenue %	29%	27%	30%

(1) Acquisition-related and other costs primarily comprised of transaction costs, purchase price adjustments for inventory, certain compensation charges, contract termination and workforce rebalancing charges.

APPENDICES

RECONCILIATION OF GAAP OPERATING INCOME (LOSS) TO NON-GAAP OPERATING INCOME

(Millions) (Unaudited)	Q3'23	Q3'22	Q2'23
GAAP operating income (loss)	\$ 224	\$ (64)	\$ (20)
GAAP operating margin	4%	(1%)	0%
Stock-based compensation	353	269	348
Amortization of acquisition-related intangibles	660	1,002	693
Acquisition-related and other costs ⁽¹⁾	39	57	47
Non-GAAP operating income	\$ 1,276	\$ 1,264	\$ 1,068
Non-GAAP operating margin	22%	23%	20%

(1) Acquisition-related and other costs primarily comprised of transaction costs, purchase price adjustments for inventory, certain compensation charges, contract termination and workforce rebalancing charges.

APPENDICES

RECONCILIATION OF GAAP TO NON-GAAP NET INCOME (LOSS) / EARNINGS (LOSS) PER SHARE⁽³⁾

(Millions, except per share data) (Unaudited)	Q3'22		Q4'22		Q1'23		Q2'23		Q3'23	
GAAP net income (loss) / earnings (loss) per share ⁽³⁾	\$ 66	\$ 0.04	\$ 21	\$ 0.01	\$ (139)	\$ (0.09)	\$ 27	\$ 0.02	\$ 299	\$ 0.18
(Gains) losses on equity investments, net	3	–	5	–	(1)	–	3	–	(4)	–
Stock-based compensation	269	0.16	310	0.19	305	0.19	348	0.21	353	0.22
Equity income in investee	(4)	–	(3)	–	(1)	–	(6)	–	(3)	–
Amortization of acquisition-related intangibles	1,002	0.62	1,044	0.65	823	0.51	693	0.42	660	0.41
Acquisition-related and other costs ⁽¹⁾	57	0.04	57	0.04	115	0.07	47	0.03	39	0.02
Income tax provision	(298)	(0.19)	(321)	(0.20)	(132)	(0.08)	(164)	(0.10)	(209)	(0.13)
Non-GAAP net income / earnings per share ⁽³⁾	\$1,095	\$ 0.67	\$1,113	\$ 0.69	\$970	\$ 0.60	\$948	\$ 0.58	\$1,135	\$ 0.70
Shares used in earnings per share calculation										
Shares used in per share calculation (GAAP) ⁽²⁾	1,625		1,618		1,611		1,627		1,629	
Shares used in per share calculation (Non-GAAP) ⁽²⁾	1,625		1,618		1,618		1,627		1,629	

(1) Acquisition-related and other costs primarily comprised of transaction costs, purchase price adjustments for inventory, certain compensation charges, contract termination and workforce rebalancing charges.

(2) GAAP and non-GAAP diluted EPS include the assumed conversion of the Company's 2026 Convertible Notes under the "if converted" method.

(3) Earnings Per Share (EPS) = Diluted earnings per share except for Q1'23 for which basic shares were used.

APPENDICES

SHARE COUNT OVERVIEW

Shares (millions) ⁽¹⁾	Q3'23	Q4'23
	Actual	Estimate
Basic shares	1,616	1,617
Dilutive impact from employee equity grants ⁽²⁾	13	10
Diluted shares	1,629	1,627

The table above provides actual share count for Q3'23 and an estimate of share count to use when calculating GAAP and non-GAAP diluted earnings per share for Q4'23.

(1) Share counts are weighted average shares.

(2) The dilutive impact of employee equity grants is based on the Treasury Stock method and is dependent upon the average stock price during the period. The Q3'23 average stock price was \$108.55. The Q3'23 average stock price of \$108.55 was assumed for Q4'23 average stock price estimates.

ENDNOTES

ALV-10: Testing conducted by AMD Performance Labs as of 8/16/23 on the Alveo UL3524 accelerator card, using Vivado™ Design Suite 2023.1 and running on Vivado Lab (Hardware Manager) 2023.1. Based on the GTF Latency Benchmark Design configured to enable GTF transceivers in internal near-end loopback mode. GTF TX and RX clocks operate at same frequency of ~644MHz with a 180 degrees phase shift. GTF Latency Benchmark Design measures latency in hardware by latching value of a single free running counter. Latency is measured as the difference between when TX data is latched at the GTF transceiver and when TX data is latched at the GTF receiver prior to routing back into the FPGA fabric. Latency measurement does not include protocol overhead, protocol framing, programmable logic (PL) latency, TX PL interface setup time, RX PL interface clock-to-out, package flight time, and other sources of latency. Benchmark test was run 1,000 times with 250 frames per test. Cited measurement result is based on GTF transceiver “RAW Mode”, where PCS (physical medium attachment) of the transceiver passes data ‘as-is’ to FPGA fabric. Latency measurement is consistent across all test runs for this configuration. System manufacturers may vary configurations, yielding different results. ALV-10

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