INVESTOR PRESENTATION

MAY 2021

CAUTIONARY STATEMENT

This presentation contains forward-looking statements concerning Advanced Micro Devices, Inc. (AMD) such as AMD's journey; the proposed transaction with Xilinx, Inc. including expectations, benefits and plans of the proposed transaction; total addressable markets; AMD's technology roadmaps; the features, functionality, performance, availability, timing and expected benefits of future AMD products; AMD's focus and path forward in data center, PCs and gaming; and AMD's Q2 and FY 2021 financial outlook, long-term financial model and ability to drive 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. 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. AMD does not assume, and hereby disclaims, any obligation to update forward-looking statements made in this presentation, except as may be required by law.

NON-GAAP FINANCIAL MEASURES This presentation contains forward-looking non-GAAP measures concerning Advanced Micro Devices, Inc.'s (AMD) financial model such as gross margin, operating expenses, interest expense, taxes and other. For full year 2021, AMD uses a projected non-GAAP tax rate of 15%, which excludes the direct tax impacts of pre-tax non-GAAP adjustments, reflecting currently available information. AMD uses a projected cash tax rate of approximately 3% that includes the projected current income tax liability plus known foreign withholding tax obligations paid expressed as a percentage of non-GAAP profit before tax. Adjustments to arrive at the GAAP financial outlook typically include stock-based compensation, non-cash interest expense related to convertible debt, income tax provision, equity income in investee, and other non-recurring items such as loss on debt redemption/conversion, 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. The long-term, forward-looking non-GAAP measures are based on expectations as of March 5, 2020, while the Q2 2021 and full year 2021 forward-looking non-GAAP measures are based on expectations as of April 27, 2021. These forward-looking non-GAAP measures are based on assumptions and beliefs that involve numerous risks and uncertainties. AMD undertakes no intent or obligation to publicly update or revise any statement in this presentation whether as a result of new information, future events or otherwise, except to the extent that disclosure may be required by law.

AMD
OUR JOURNEY

Best Product Portfolio in History

Expanding Customer & Partner Ecosystem

Significant Business Acceleration

Best-in-Class Financial Performance

HIGH PERFORMANCE COMPUTING

Cloud, Network, Hyperscale & Supercomputing

5G & Comms Infrastructure

AI & Analytics Everywhere

Adaptable Intelligent Systems

Gaming, Simulation and Visualization

Smarter Client Devices & Edge

AT THE CENTER OF TODAY'S WORLD

LEADERSHIP IN
LARGE & GROWING MARKETS

DATA CENTER

$35B TAM

PCs

$32B TAM

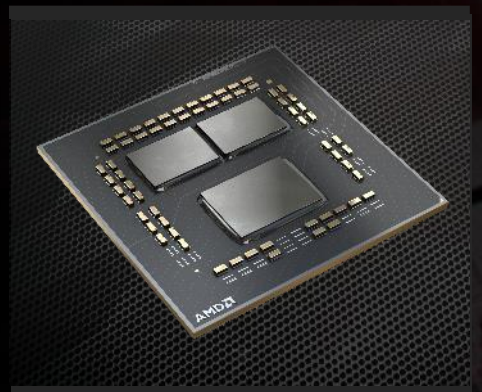
GAMING

$12B TAM

$79B TAM

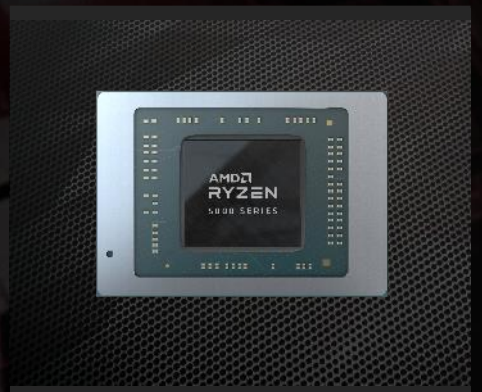
AMD Internal Estimates

OUR BEST EVER PRODUCT PORTFOLIO



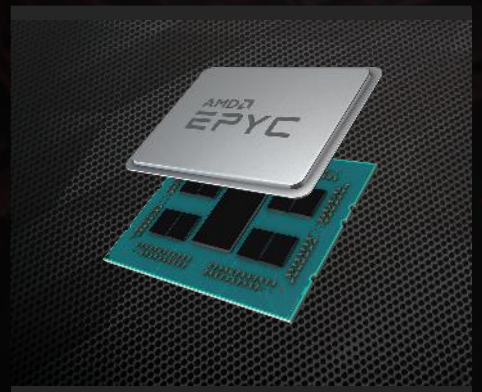
AMD RYZEN 5000 Series Desktop

World's Fastest Gaming, Productivity and Content Creation Processors



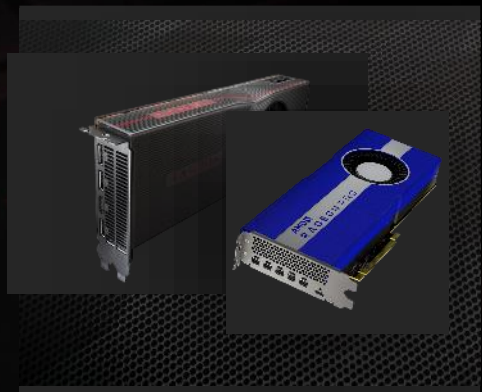
AMD RYZEN 5000 Series Mobile

Leadership Performance and Advanced Battery Life For Ultrathin, Gaming and Commercial Notebooks



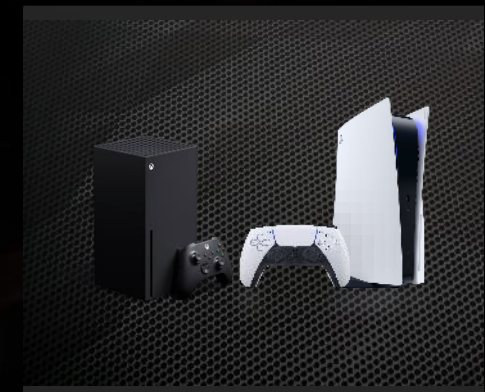
AMD EPYC

3rd Gen AMD EPYC™ extend performance and TCO advantages



AMD RADEON

Performance and Power Efficiency with AMD RDNA™ 2 Architecture



SEMI-CUSTOM

Latest game consoles powered by "Zen 2" and AMD RDNA™ 2

PERFORMANCE LEADERSHIP
FROM NOTEBOOK TO DESKTOP TO DATA CENTER

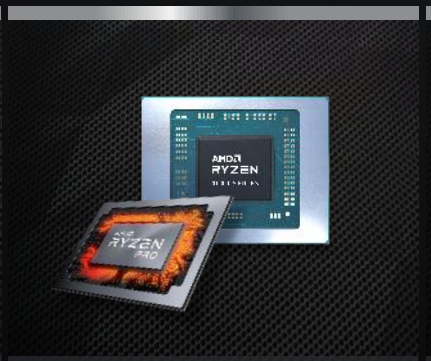
See endnotes R5K-002, R5K-050, R5K-033, CZM-11 and CZM-35

AMD CLIENT LINEUP

PERFORMANCE FOR CONSUMER AND COMMERCIAL PCs

AMD Ryzen™ 5000 Series Desktop Processors

"Zen 3" Architecture



AMD Ryzen™ 5000 Series Mobile Processors

"Zen 3" Architecture + Built-in Radeon™ Graphics

AMD Ryzen Threadripper™ and Threadripper PRO Desktop Processors

"Zen 2" Architecture

AMD Ryzen 3000 Series Desktop Processors

"Zen 2" Architecture

AMD Ryzen and Athlon Processors for Chromebooks

"Zen" Architecture + Built-in Radeon™ Graphics

AMD Ryzen™ Desktop Processors with Radeon™ Graphics

"Zen 2" Architecture + Built-in Radeon™ Graphics

AMD RYZEN

AMD RYZEN THREADRIPPER

AMD RYZEN PRO

AMD THREADRIPPER PRO

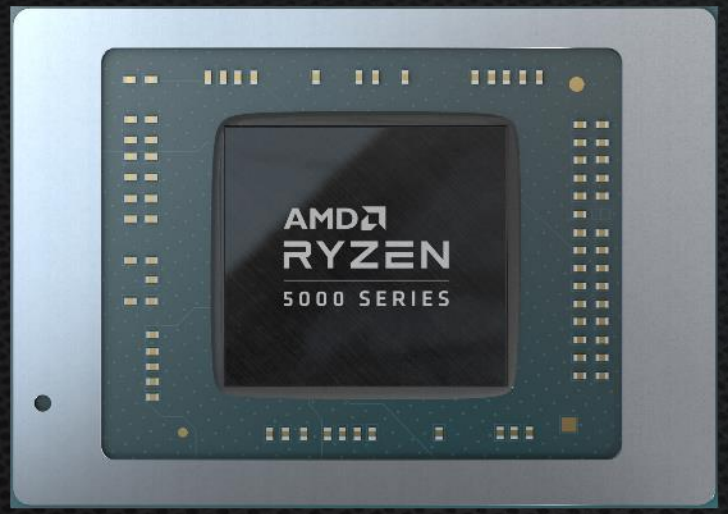
AMD ATHLON

AMD internal estimates, subject to change

AMD

AMD RYZEN™ 5000 SERIES MOBILE PROCESSORS

THE WORLD'S BEST LAPTOP PROCESSORS



Unprecedented performance and battery life with "Zen 3" core architecture

Ryzen 5000 U-Series processors optimized for thin and light notebooks

Ryzen 5000 H-Series processors optimized for gamers and creators

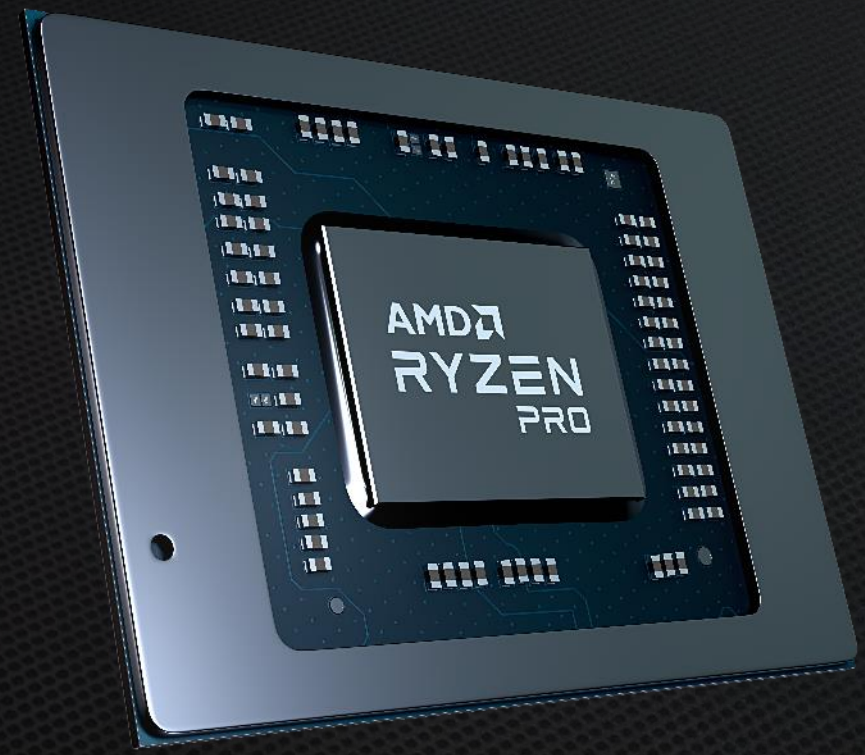
150+ commercial and consumer notebooks expected in 2021

See endnotes CZM-1, CZM-34

AMD

AMD RYZEN™ PRO 5000 SERIES MOBILE PROCESSORS

LEADERSHIP PERFORMANCE AND ENTERPRISE-CLASS SECURITY FEATURES FOR THE MODERN WORKFORCE



World's best mobile processors for business	Multi-layered security features help provide protection at every level, from silicon to OS	Number of AMD-powered enterprise notebooks expected to triple in 2021	Available from top PC vendors including HP and Lenovo starting Q2 2021

See endnote CZP-17

AMD

AMD CLIENT CPU ROADMAP

SUSTAINED HIGH-PERFORMANCE LEADERSHIP

2017 — 2021

Roadmaps subject to change

OUR PATH FORWARD

DRIVING NON-STOP INNOVATION FOR PCs

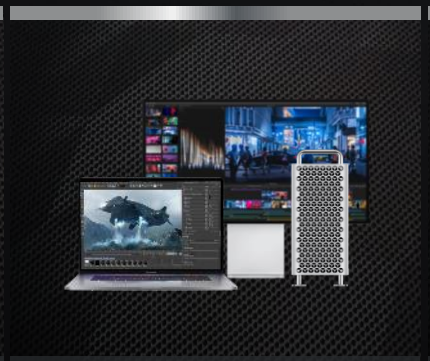
- Multi-Generational Product Leadership
- Superior User Experience
- High-Performing Notebook Processors
- OEM and Commercial Momentum

AMD GRAPHICS FOCUS

EXPANDING THE RADEON UNIVERSE

PCs

Radeon™ RX 6000 series, RX 5000 series, and Radeon™ Pro W5000 series



Apple Mac

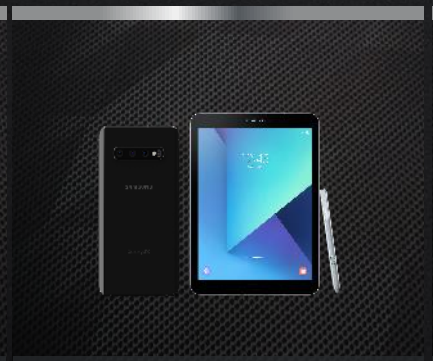
Broad line-up, including Radeon™ Pro 5000 and 5000M series and W5700X GPUs

Consoles

Latest consoles powered by “Zen 2” and AMD RDNA™ 2

Cloud

Google Stadia, Microsoft Project xCloud, Microsoft Azure



Mobile

Samsung partnership and IP licensing

HPC

El Capitan and Frontier supercomputers

AMD RADEON

AMD INSTINCT

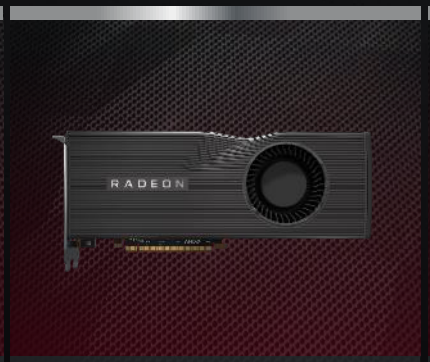
AMD

AMD RADEON LINEUP

EXPANDING THE RADEON UNIVERSE

AMD Radeon™ RX 6000 Series

AMD RDNA™ 2 Architecture

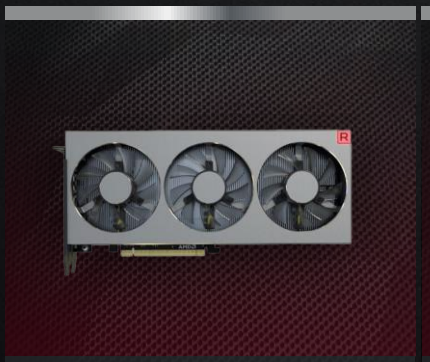


AMD Radeon™ RX 5000 Series

AMD RDNA™ Architecture

AMD Radeon™ RX 500 Series

“Polaris” GCN Architecture



AMD Radeon™ VII

“Vega” GCN Architecture

AMD Radeon™ Pro Workstation Graphics

RDNA™ Architecture
“Vega” Architecture

Radeon™ Instinct MI100

AMD CDNA Architecture

AMD RADEON

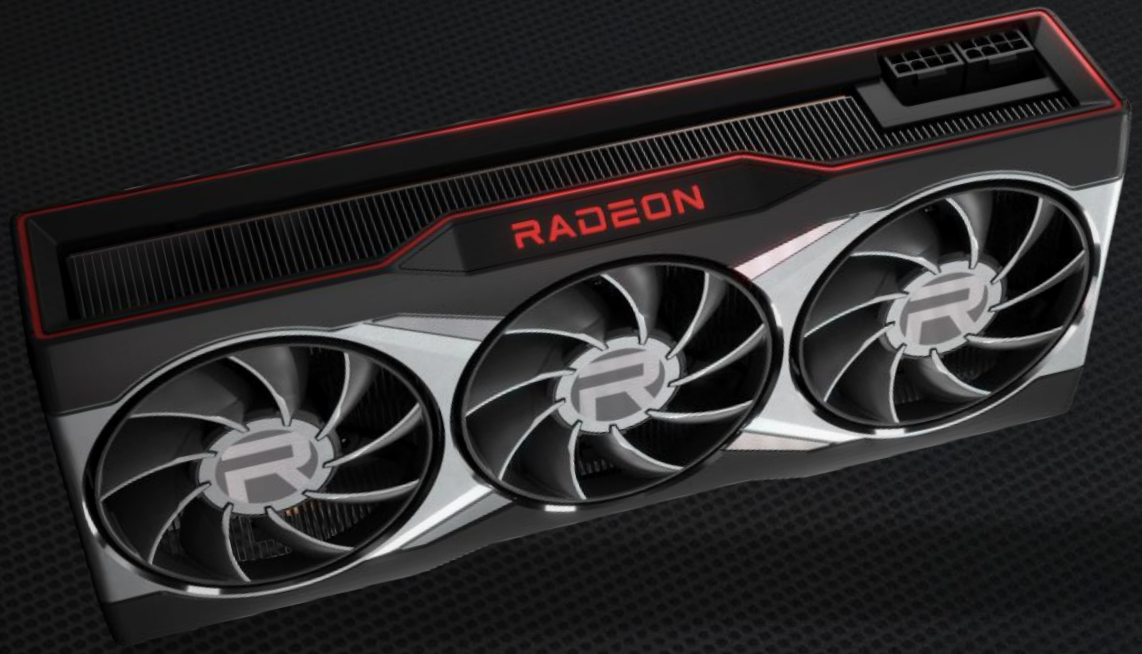
AMD RADEON PRO

AMD internal estimates, subject to change

AMD

AMD RADEON™ RX 6000 SERIES

HIGH-PERFORMANCE GAMING



AMD RDNA™ 2 architecture enables performance, features and efficiency

Up to 2X higher performance compared to AMD RDNA GPUs

Up to 54% higher performance-per-watt over AMD RDNA GPUs

Enables DirectX 12 Ultimate support, raytracing and variable rate shading

See endnotes RX-558, RX-549

AMD GAMING GPU ROADMAP

DRIVING GAMING PERFORMANCE LEADERSHIP

7nm

7nm

Advanced Node

2019 — 2022

Roadmaps subject to change

AMD

OUR PATH FORWARD

PUSHING THE ENVELOPE FOR GAMERS

AMD RDNA™ Scales from PC to Console to Cloud

Top-to-Bottom Leadership Product Stack

Advanced Software

AMD DATA CENTER FOCUS

DELIVERING CPU AND GPU DIFFERENTIATION

HPC

Enterprise/IT

Cloud

Machine Intelligence

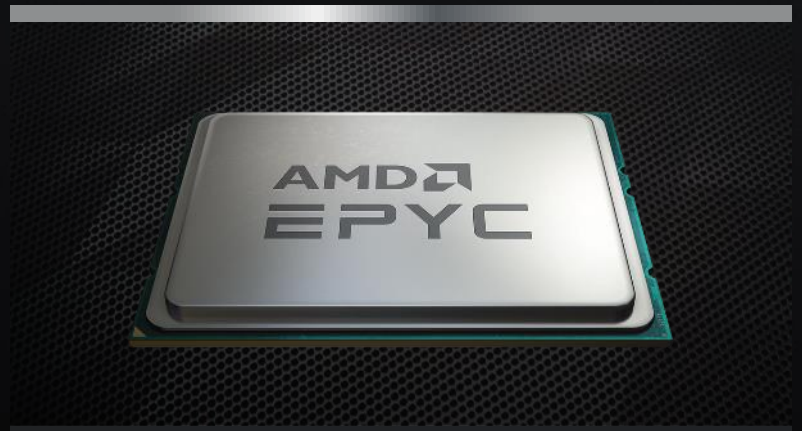
Virtualization & Cloud Gaming

AMD EPYC

AMD INSTINCT

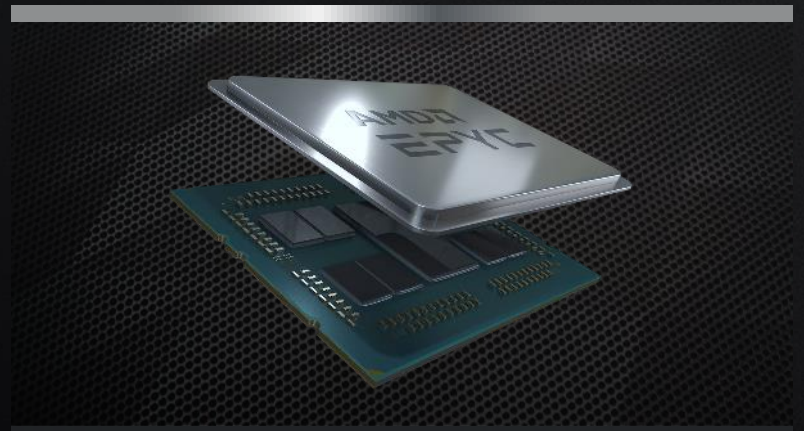
AMD EPYC™ LINEUP

A NEW ERA IN THE DATA CENTER



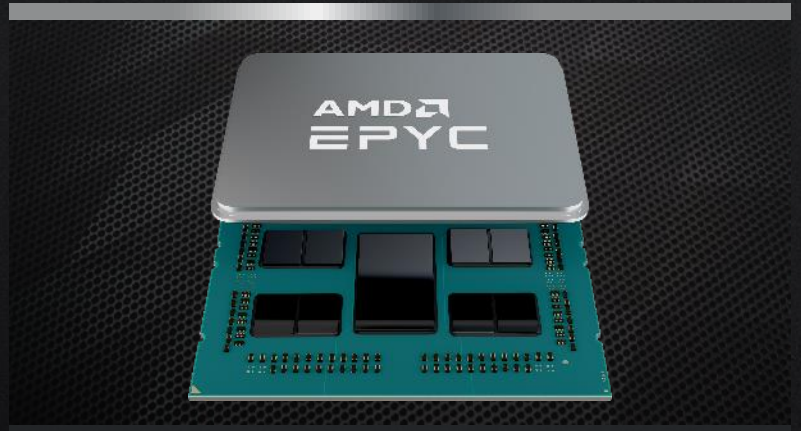
1st Gen AMD EPYC™ Processors

"Zen" Architecture



2nd Gen AMD EPYC™ Processors

"Zen 2" Architecture

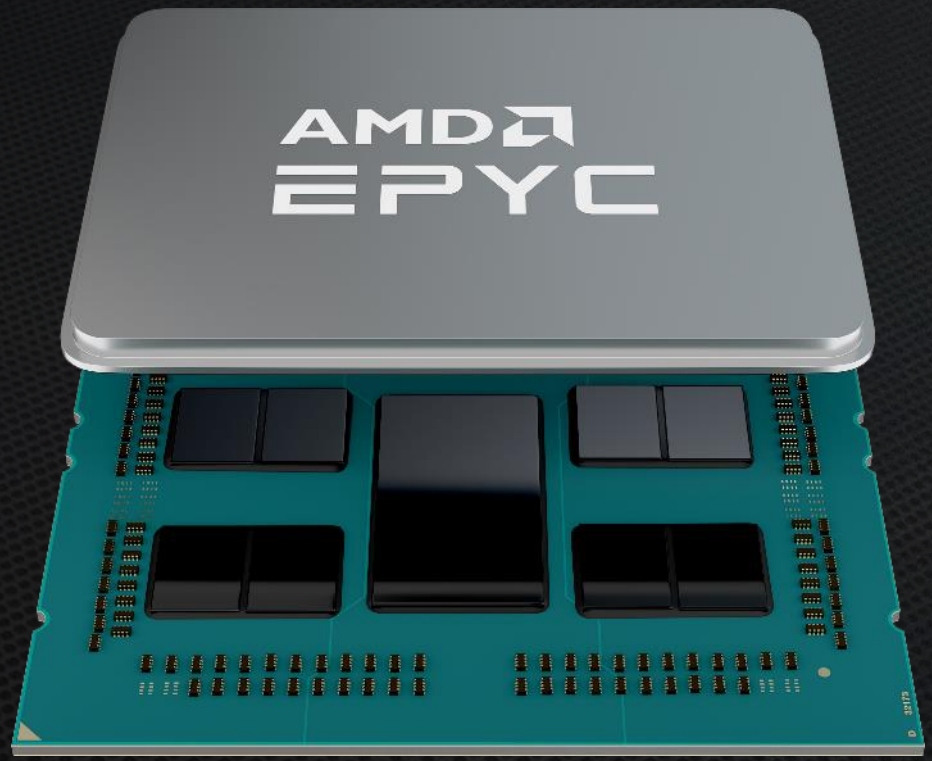


3rd Gen AMD EPYC™ Processors

"Zen 3" Architecture

3RD GEN AMD EPYC™ PROCESSOR

EXTENDING PER SOCKET AND PER CORE PERFORMANCE LEADERSHIP

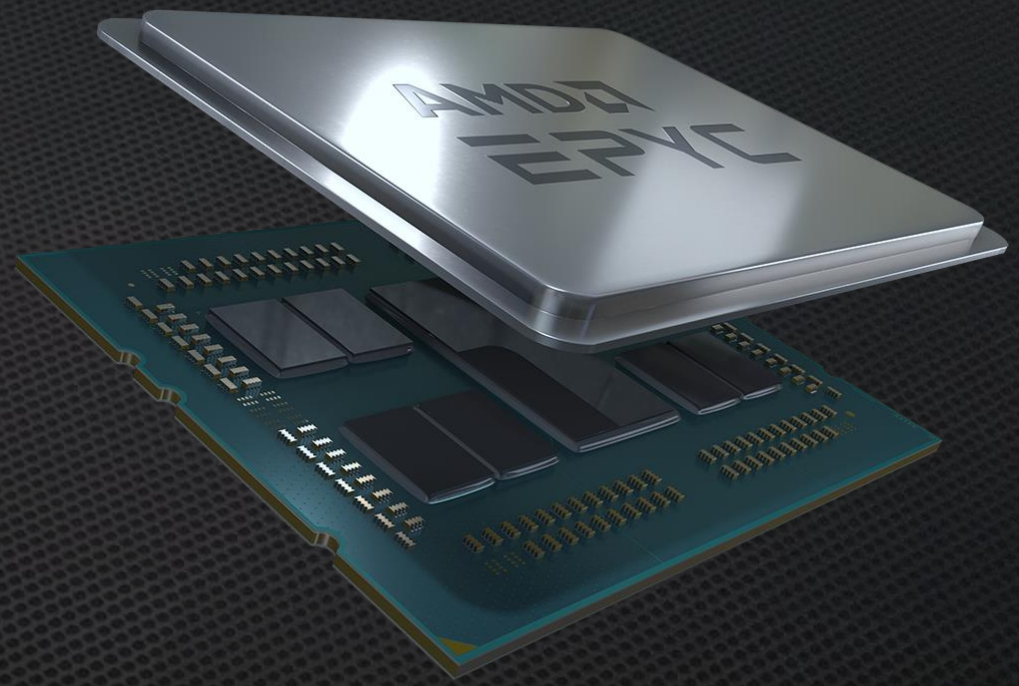


World's highest performance server processor*	Up to 2x better performance in HPC, Cloud and Enterprise workloads compared to the competition	Advanced security features with AMD Infinity Guard	Built on the powerful and efficient "Zen 3" core

*AMD EPYC 7763. See endnotes MLN-016, MLN-074K, GD-183

2ND GEN AMD EPYC™ PROCESSOR

HIGH-PERFORMANCE COMPUTING FOR THE MODERN DATA CENTER



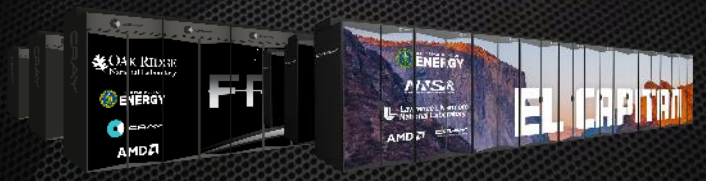
- Breakthrough chiplet architecture based on the “Zen 2” core
- Disruptive TCO driven by leadership performance
- Advanced security features with AMD Infinity Guard
- Up to 128 PCIe® 4.0 Lanes

See endnotes ROM-169, ROM-557

AMD

DATA CENTER GROWTH

DELIVERING LEADERSHIP COMPUTE DIFFERENTIATION



LUMI

PAWSEY supercomputing centre

HLRS High Performance Computing Center | Stuttgart

JÜLICH Forschungszentrum

aws

Alibaba Cloud

Microsoft Azure

Google Cloud

IBM Cloud

ORACLE CLOUD

Tencent Cloud

Atos ASRock ASUS cisco

DELL Technologies FOXCONN GIGABYTE

H3C Hewlett Packard Enterprise Inventec Lenovo

MiTAC msi QCT SUPERMICRO

TYAN wiwynn wistron

Supercomputing

Leading the Exascale Era Consistently Winning Top Deployments

Cloud

Expanding Deployments with Leading Providers

Enterprise

Large-scale Enterprise Deployments with Growing Pipeline

AMD

AMD DATA CENTER CPU ROADMAP

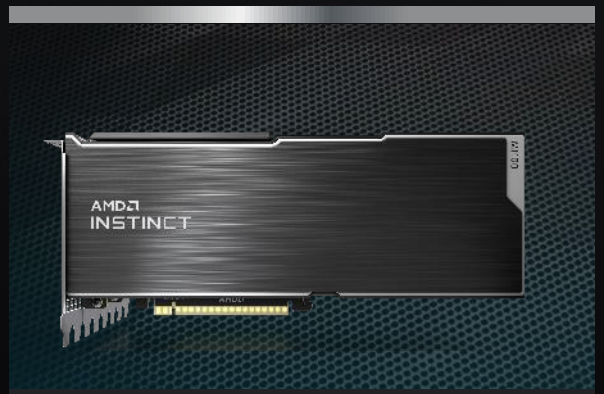
SUSTAINED HIGH-PERFORMANCE LEADERSHIP

Roadmaps subject to change

AMD

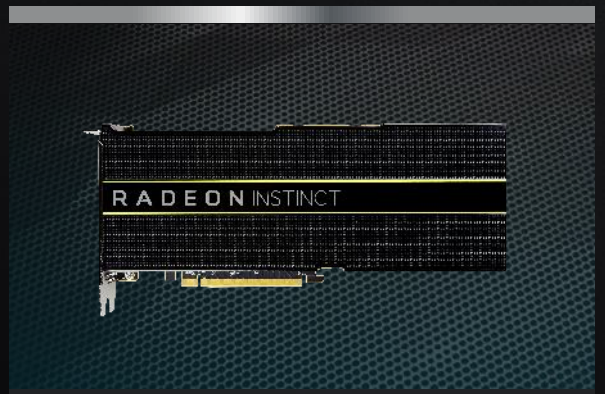
AMD DATA CENTER GPU LINEUP

A NEW ERA IN THE DATA CENTER



AMD Instinct™ MI100 Accelerator

AMD CDNA architecture

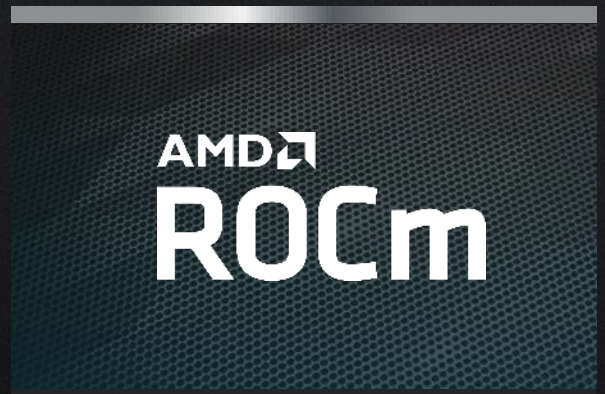


Radeon™ Instinct MI50 Accelerator

2nd generation "Vega" architecture

Customer-Oriented Data Center Solutions

Strategic development with lead customers



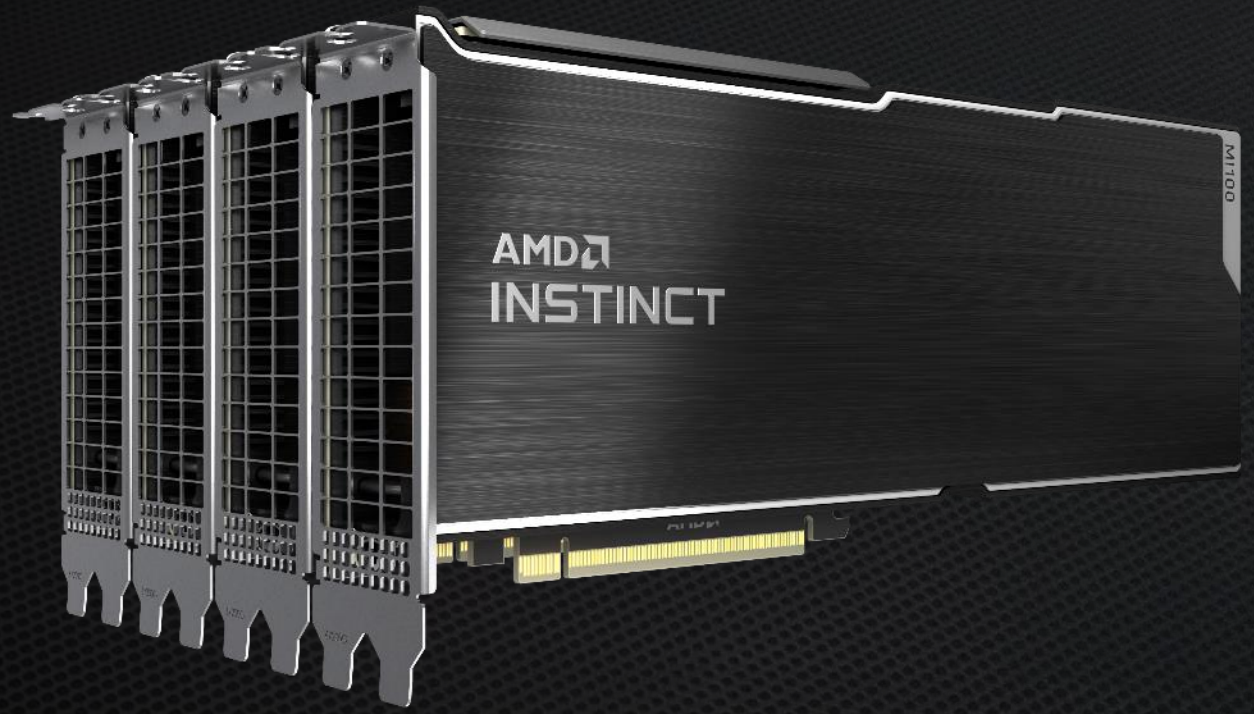
ROCm™ Software

Top-to-bottom open ecosystem commitment

WORLD-CLASS GPU ACCELERATOR TECHNOLOGIES
OPEN SOFTWARE ECOSYSTEM PLATFORM

AMD INSTINCT™ MI100 ACCELERATOR

WORLD'S FASTEST HPC ACCELERATOR FOR SCIENTIFIC RESEARCH

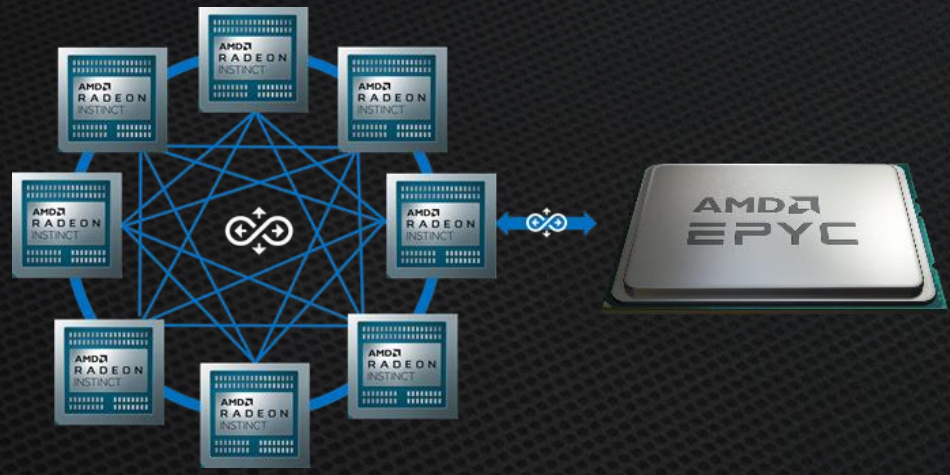


- Revolutionizing HPC and AI with industry-leading compute performance
- All-new AMD CDNA architecture
- 2nd Gen AMD Infinity Fabric™ technology
- Supported by accelerated compute platforms from Dell, GIGABYTE, HPE and Supermicro

See endnote MI100-03

AMD CDNA ARCHITECTURE

GPU COMPUTE DNA
FOR THE DATA CENTER



Performance

Accelerate ML/HPC with Compute/Tensor OPS

Efficiency

Designed for improved Perf-per-Watt

Features

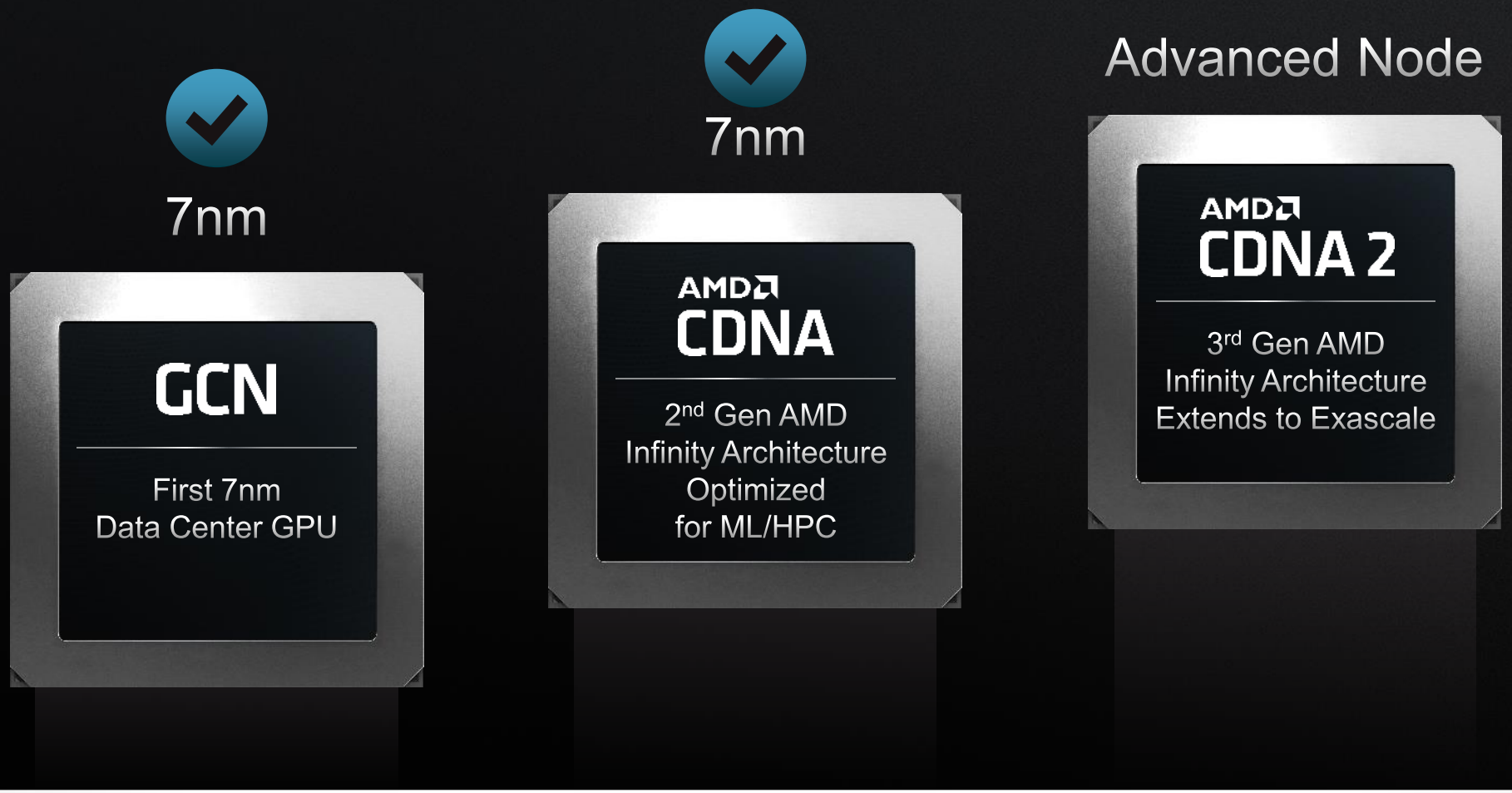
Enhance Enterprise RAS, Security and Virtualization

Scalability

Scale Performance with AMD Infinity Architecture

COMPUTE GPU ARCHITECTURE ROADMAP

COMPUTE DNA FOR THE DATA CENTER



2019 — 2022

Roadmaps subject to change

AMD

OUR PATH FORWARD

THE NEW DATA CENTER LEADER

Leadership Roadmap, Consistent Execution	Leadership Performance	Leadership Architecture for Accelerated Computing

AMD Internal Estimates

AMD TO ACQUIRE XILINX

TRANSACTION SUMMARY[1]

TRANSACTION CONSIDERATION	◢ All-stock transaction with enterprise value of $35 billion at time of announcement ◢ Xilinx stockholders receive 1.7234 shares of AMD common stock for each share of Xilinx stock ◢ Pro forma ownership: 74% AMD and 26% Xilinx
FINANCIAL IMPACT	◢ Expected to be immediately accretive to EPS before synergies ◢ Attractive margin expansion and increased operating leverage ◢ Strong and diverse free cash flow at close with investment grade profile
MANAGEMENT & GOVERNANCE	◢ Dr. Lisa Su as CEO ◢ Devinder Kumar as CFO ◢ Victor Peng, Xilinx CEO, to join as president responsible for the Xilinx business; and strategic growth initiatives ◢ At least 2 Xilinx directors to join AMD Board of Directors
APPROVAL AND CLOSING	◢ AMD and Xilinx shareholders approved the transaction; expected to close by calendar YE 2021 ◢ Subject to receipt of regulatory approvals and other customary conditions

[1] See ir.amd.com for further information on AMD announcement to acquire Xilinx.

AMD'S COMMITMENT TO ESG

ENVIRONMENTAL

Steadfast commitment to environmental stewardship and contributing to our local communities

SOCIAL

Creating a culture that drives innovation by fostering diversity, equality and belonging

GOVERNANCE

Delivering industry leading products with integrity, innovation and quality in order to help solve global challenges

GREATER TECHNOLOGY FOR THE GREATER GOOD

FINANCIAL OUTLOOK – NON-GAAP[1]

As provided on April 27, 2021

	Q2 2021	FY 2021
Revenue	~$3.6 Billion +/- $100 Million	Growth of ~50% y/y
Gross Margin %	~47%	~47%
Operating Expenses Operating Expenses/Revenue %	~$900 Million	~26%
Interest Expense, Taxes and Other	~$130 Million	--
Effective Tax Rate	15% of pre-tax income	15% of pre-tax income
Cash Tax Rate	~3% of pre-tax income	~3% of pre-tax income
Diluted Share Count[2]	~1.23 billion shares	~1.24 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 April 27, 2021 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, non-cash interest expense related to convertible debt, income tax provision, equity income in investee, and other non-recurring items such as loss on debt redemption/conversion, 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

DRIVING SUSTAINABLE GROWTH

LONG-TERM FINANCIAL MODEL[1]

As provided on March 5, 2020

REVENUE GROWTH	~20% CAGR	Increase Market Share
GROSS MARGIN	>50%	Richer Product Mix
OPERATING EXPENSES	~26-27% of revenue	Targeted Investments
OPERATING MARGIN	Mid-20s%	Growing Profitability
FCF MARGIN	>15%	Significant Cash Generation

(1) Non-GAAP financial measures except for Revenue; includes 2020 financial guidance.

DRIVING SHAREHOLDER RETURNS

Deliver Best-in-Class Growth | Invest in Key Growth Areas | Expand Margins & Grow Profitability | Free Cash Flow Generation

AMD

ENDNOTES

CZM-1: 'Best Mobile Processors' is defined as having the highest multi-thread processing performance in each of four (4) classes of Ryzen 5000 series processors. Testing by AMD engineering using the Cinebench R20 nT benchmark, measuring multithreaded performance of a Ryzen 9 5900HX processor engineering sample vs Core i9-10980HK, Ryzen 7 5800U processor engineering sample vs Core i7-1185G7 processor, the Ryzen 5 5600U processor engineering sample vs Core i5-1135G7 processor, and a Ryzen 3 5400U processor engineering sample vs Core i3-1115G4 processor. Performance may vary. CZM-1

CZM-11:Testing by AMD Performance Labs as of 09/02/2020 utilizing an engineering platform configured with Ryzen 7 5800U and Ryzen 7 4800U processors, each with 32GB RAM, 512MB SSD, Radeon™ Graphics, and Win 10 vs. a similarly configured Dell XPS 7390 laptop with a Core i7-1065G7 processor, Integrated Graphics and 16GB RAM, in the following benchmarks: Cinebench R20 nT, Cinebench R20 1T and 3DMark Physics for gaming performance. Performance may vary. 3DMark is a registered trademark of Futuremark Corporation. CZM-11

CZM-34: Performance projection by AMD engineering staff based on calculated total system power with an AMD Ryzen 7 5800U vs Ryzen 7 4800U system engaged in continuous sleep, idle, video playback, and Mobilemark 2018 on an AMD Reference Platform configured with a 53WHr battery. CZM-34

CZM-35:Tested by AMD Labs in December 2020. The Ryzen 5000 series mobile processors are the fastest mobile processors with the highest-performing single-thread and multi-thread performance available on an x86 mobile processor, measured with Cinebench R.20 1T and Cinebench R20 nT respectively, using similarly configured systems with Ryzen 9 4900H, Ryzen 9 5980HX and Ryzen 5980HS processors vs i9-10980HK, Core i7-1185G7 processors. Performance may vary. CZM-35

CZP-17: 'Best Mobile Processors for business' is defined as having the highest multi-thread processing performance in each of three (3) classes of Ryzen PRO 5000 series processors. Testing by AMD engineering using the Cinebench R20 nT benchmark, measuring multithreaded performance of a Ryzen 7 PRO 5850U processor engineering sample vs Core i7-1185G7 processor, the Ryzen 5 PRO 5650U processor engineering sample vs Core i5-1135G7 processor, and a Ryzen 3 PRO 5450U processor engineering sample vs Core i3-1115G4 processor. Performance may vary. CZP-17

GD-183: AMD Infinity Guard features vary by EPYC™ Processor generations. Infinity Guard security features must be enabled by server OEMs and/or Cloud Service Providers to operate. Check with your OEM or provider to confirm support of these features. Learn more about Infinity Guard at https://www.amd.com/en/technologies/infinity-guard. GD-183

MI100-03: Calculations conducted by AMD Performance Labs as of Sep 18, 2020 for the AMD Instinct™ MI100 (32GB HBM2 PCIe® card) accelerator at 1,502 MHz peak boost engine clock resulted in 11.54 TFLOPS peak double precision (FP64), 46.1 TFLOPS peak single precision matrix (FP32), 23.1 TFLOPS peak single precision (FP32), 184.6 TFLOPS peak half precision (FP16) peak theoretical, floating-point performance. Published results on the NVidia Ampere A100 (40GB) GPU accelerator resulted in 9.7 TFLOPS peak double precision (FP64). 19.5 TFLOPS peak single precision (FP32), 78 TFLOPS peak half precision (FP16) theoretical, floating-point performance. Server manufacturers may vary configuration offerings yielding different results. MI100-03

MLN-074K: Based on SPECrate®2017_fp_base on 02/20/2021, a server powered by two 64c AMD EPYC 7763 CPUs has a score of 636 a compliant result run on an ThinkSystem SR665; with Memory: 512 GB (16 x 32 GB 2Rx4 PC4-3200AA-R); OS: Red Hat Enterprise Linux release 8.3 (Ootpa); Compiler: C/C++/Fortran: Version 3.0.0 of AOCC. Versus the current highest score Intel Cascade Lake Refresh server with a score of 309 with a 2P Intel Gold 6258R based server, https://spec.org/cpu2017/results/res2020q3/cpu2017-20200915-23979.pdf. SPEC®, SPECrate® and SPEC CPU® are registered trademarks of the Standard Performance Evaluation Corporation. See www.spec.org for more information.

MLN-016: Results as of 01/28/2021 using SPECrate®2017_int_base. The AMD EPYC 7763 a measured estimated score of 798 is higher than the current highest 2P server with an AMD EPYC 7H12 and a score of 717, https://spec.org/cpu2017/results/res2020q2/cpu2017-20200525-22554.pdf. OEM published score(s) for 3rd Gen EPYC may vary. SPEC®, SPECrate® and SPEC CPU® are registered trademarks of the Standard Performance Evaluation Corporation. See www.spec.org for more information.

ROM-169: For a complete list of world records see http://amd.com/worldrecords.

ROM-517: 16-n, 2P 2nd Gen EPYC™ 7702 powered server scores a world record result of 7100 SPECrate®2017_int_base http://spec.org/cpu2017/results/res2020q1/cpu2017-20191223-20452.pdf. The next highest published score is 3920 SPECrate®2017_int_base on a 16-n, 2-socket Xeon® 8180 powered server http://spec.org/cpu2017/results/res2018q1/cpu2017-20171222-01950.pdf as of 02/12/20. ROM-517

ENDNOTES

ROM-557 Estimates based on AMD Server Virtualization TCO (total cost of ownership) Estimator tool v5.5, comparing the AMD EPYC™ and Intel® Xeon® server solutions required to deliver 320 total virtual machines (VM), requiring 1 core and 8GB of memory per VM, with a minimum total solution memory requirement of 2.56 TB of memory. The analysis includes both hardware and virtualization software components. For 320 VMs and 1 core per VM, the Intel _Gold_6250 processor requires 20 - 2P servers. The AMD EPYC_7702P solution requires 5 - 1P servers. Virtualization software pricing as of October 2019. Third party names are for informational purposes only and may be trademarks of their respective owners. This scenario contains many assumptions and estimates and, while based on AMD internal research and best approximations, should be considered an example for information purposes only, and not used as a basis for decision making over actual testing. All pricing is in USD.

RX-549: Testing done by AMD performance labs 10/16/20, using Assassins Creed Odyssey (DX11, Ultra), Battlefield V (DX12, Ultra), Borderlands 3 (DX12, Ultra), Control (DX12, High), Death Stranding (DX12 Ultra), Division 2 (DX12, Ultra), F1 2020 (DX12, Ultra), Far Cry 5 (DX11, Ultra), Gears of War 5 (DX12, Ultra), Hitman 2 (DX12, Ultra), Horizon Zero Dawn (DX12, Ultra), Metro Exodus (DX12, Ultra), Resident Evil 3 (DX12, Ultra), Shadow of the Tomb Raider (DX12, Highest), Strange Brigade (DX12, Ultra), Total War Three Kingdoms (DX11, Ultra), Witcher 3 (DX11, Ultra no HairWorks) at 4K. System comprised of an RX 6800 XT with AMD Radeon Graphics driver 27.20.12031.1000 and an RX 5700 XT with AMD Radeon Graphics driver 26.20.13001.9005. Performance may vary. RX-549

RX-558: Testing done by AMD performance labs October 20 2020 on RX 6900 XT and RX 5700 XT (20.45-201013n driver), AMD Ryzen 9 5900X (3.70GHz) CPU, 16GB DDR4-3200MHz, Engineering AM4 motherboard, Win10 Pro 64. The following games were tested at 4k at max settings: Battlefield V DX11, Doom Eternal Vulkan, Forza DX12, Resident Evil 3 DX11, Shadow of the Tomb Raider DX12. Performance may vary. RX-558

R5K-002: Testing by AMD performance labs as of 9/2/2020 based on the average FPS of 40 PC games at 1920x1080 with the High image quality preset using an AMD Ryzen™ 9 5900X processor vs. Core i9-10900K. Results may vary. R5K-002

R5K-003: Testing by AMD performance labs as of 09/01/2020. IPC evaluated with a selection of 25 workloads running at a locked 4GHz frequency on 8-core "Zen 2" Ryzen 7 3800XT and "Zen 3" Ryzen 7 5800X desktop processors configured with Windows® 10, NVIDIA GeForce RTX 2080 Ti (451.77), Samsung 860 Pro SSD, and 2x8GB DDR4-3600. Results may vary. R5K-003
R5K-007: Testing by AMD Performance Labs as of 09/01/2020 using Cinebench R20 nT versus system wall power during full load CPU test using a Core i9-10900K, Ryzen 9 3900XT, Ryzen 9 5900X, Ryzen 9 3950X, and a Ryzen 9 5950X configured with: 2x8GB DDR4-3600, GeForce RTX 2080 Ti, Samsung 860 Pro SSD, Noctua NH-D15s cooler, and an open-air test bench with no additional power draw sources. Results may vary. R5K-007

R5K-007: Testing by AMD Performance Labs as of 09/01/2020 using Cinebench R20 nT versus system wall power during full load CPU test using a Core i9-10900K, Ryzen 9 3900XT, Ryzen 9 5900X, Ryzen 9 3950X, and a Ryzen 9 5950X configured with: 2x8GB DDR4-3600, GeForce RTX 2080 Ti, Samsung 860 Pro SSD, Noctua NH-D15s cooler, and an open-air test bench with no additional power draw sources. Results may vary. R5K-007

R5K-009: Testing by AMD performance labs as of 09/01/2020 measuring gaming performance of a Ryzen 9 5900X desktop processor vs. a Ryzen 9 3900XT in 11 popular titles at 1920x1080, the High image quality preset, and the newest graphics API available for each title (e.g. DirectX® 12 or Vulkan™ or DirectX® 11). Results may vary. R5K-009

R5K-033: Testing by AMD Performance Labs as of September 23, 2020 using a Ryzen 7 5800X, Ryzen 9 5900X, Ryzen 9 5950X and Core i9-10900K, each configured with DDR4-3600C16 memory and NVIDIA GeForce RTX 2080 Ti graphics in AutoCAD, Revit 2020 and SOLIDWORKS 2019. Benchmarks run at default settings. Results may vary. R5K-033

R5K-050: Testing by AMD Performance Labs as of December 11, 2020 using an AMD Ryzen 9 5900 and Intel Core i9-10900, each similarly configured and tested with an NVIDIA GeForce RTX 2080 Ti graphics card. Results may vary. R5K-050

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