

LISA SU

PRESIDENT AND CEO





CAUTIONARY STATEMENT

This presentation contains forward-looking statements concerning Advanced Micro Devices, Inc. (AMD) including but not limited to, the features, functionality, availability, timing, expectations and expected benefits of AMD future products including AMD Ryzen™ mobile CPUs with Radeon™ Vega GPUs, 2nd generation AMD Ryzen™ high-performance CPUs and 2018 "Vega" portfolio of GPUs; AMD's X86 roadmap; AMD CPU performance goals; and AMD's graphics architecture roadmap, 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 Quarterly Report on Form 10-Q for the quarter ended September 30, 2017.



Cloud Medicine Security Automotive Industrial



Gaming

Personal Computing

VR&AR

Machine Intelligence

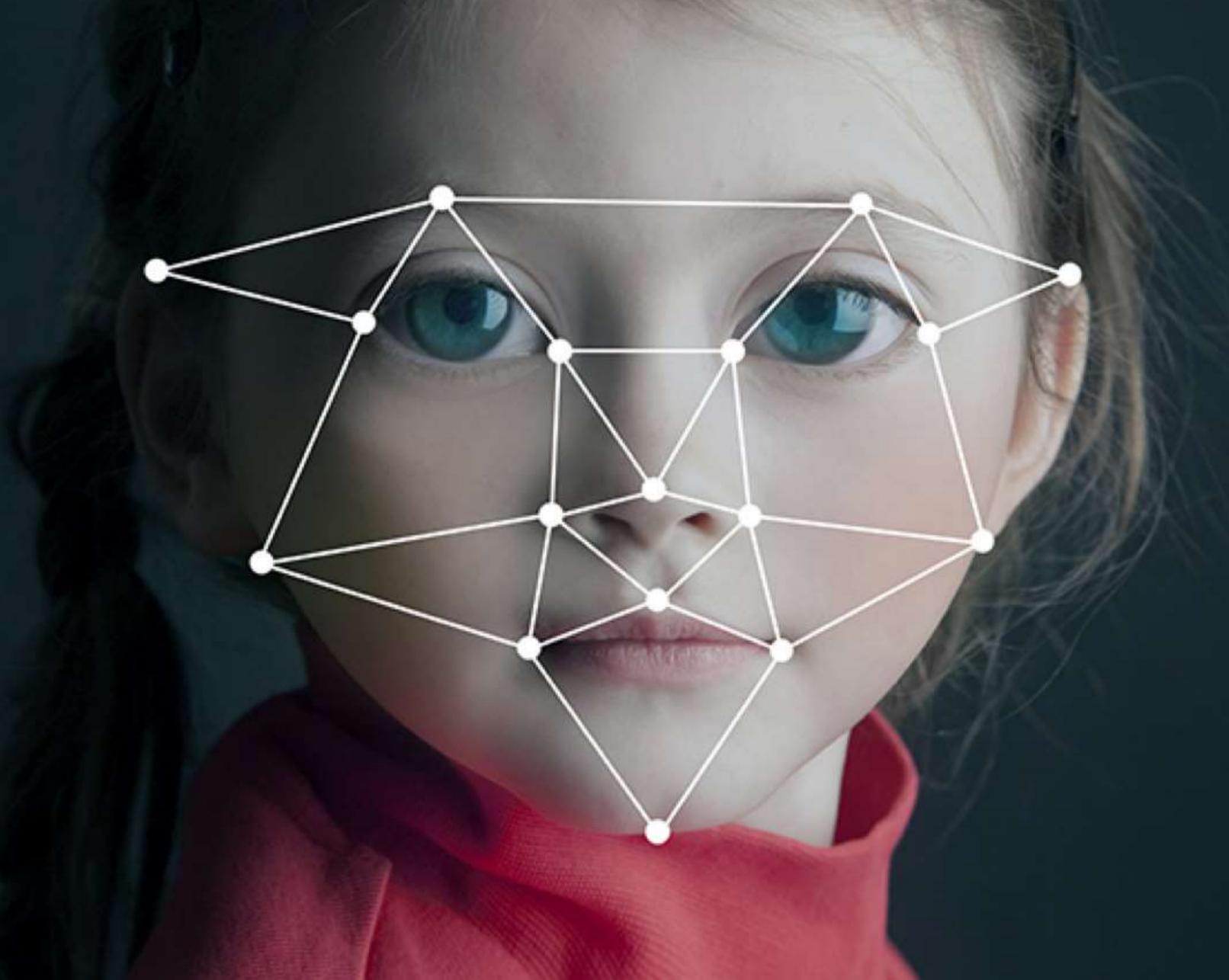
Financial Services

IMMERSIVE EXPERIENCES REQUIRE VISUAL COMPUTING POWER

Voice, gesture, and face recognition

Super high resolution

Mixed and virtual realities





2017 WE DELIVERED RECORD NUMBERS OF GREAT PRODUCTS

PCs



Ryzen™, Ryzen™ PRO, Ryzen Threadripper™, Ryzen™ Mobile IMMERSIVE



Radeon™ RX Vega,
Radeon 500 Series,
Xbox One™ X SoC

DATACENTER



AMD EPYC™ 1P and 2P Platforms, Radeon Instinct™ GREAT PRODUCTS

More Threads

More Features

More Performance







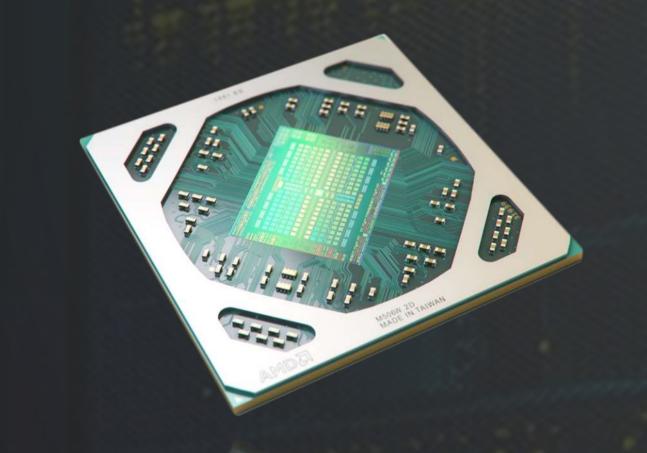
GREAT PRODUCTS

More Performance

More Software

More Displays







IN HIGH PERFORMANCE GRAPHICS

Data reflects Radeon RX Vega 64 gaming performance compared to comparable Nvidia part; see Endnotes for details.

GREAT PRODUCTS

More Cores

More I/O

More Memory Bandwidth







IN THE DATACENTER

Based on comparison of the EPYC 7601 vs. the Intel Xeon Platinum 8180. See Endnotes.

EXPANDING CUSTOMER MOMENTUM









Lenovo



















WELCOME TO A HIGH-PERFORMANCE 2018

CS



New Ryzen™ CPU and APU Generation

GRAPHICS



Expanding the Radeon™ Vega Family

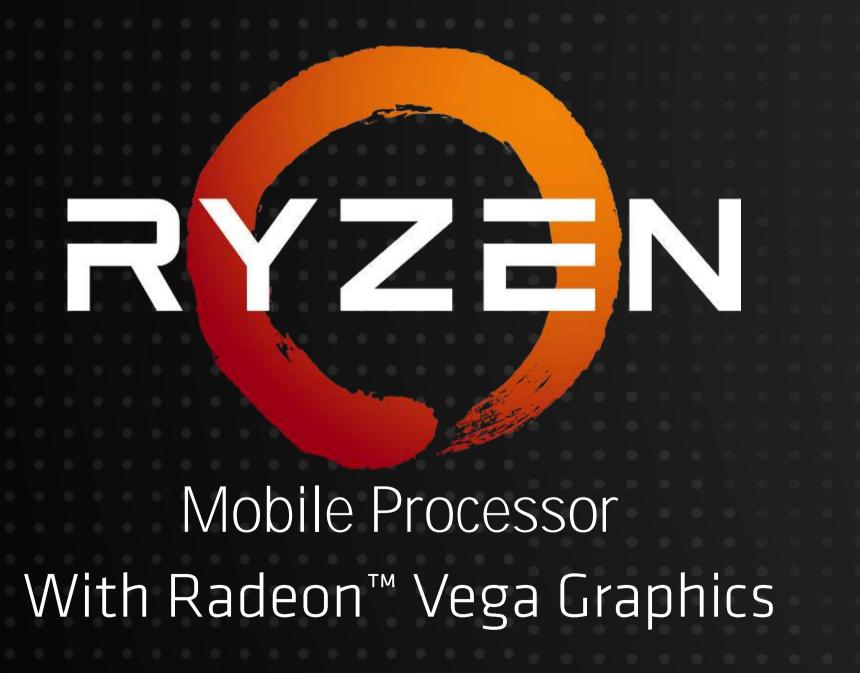
TECHNOLOGY

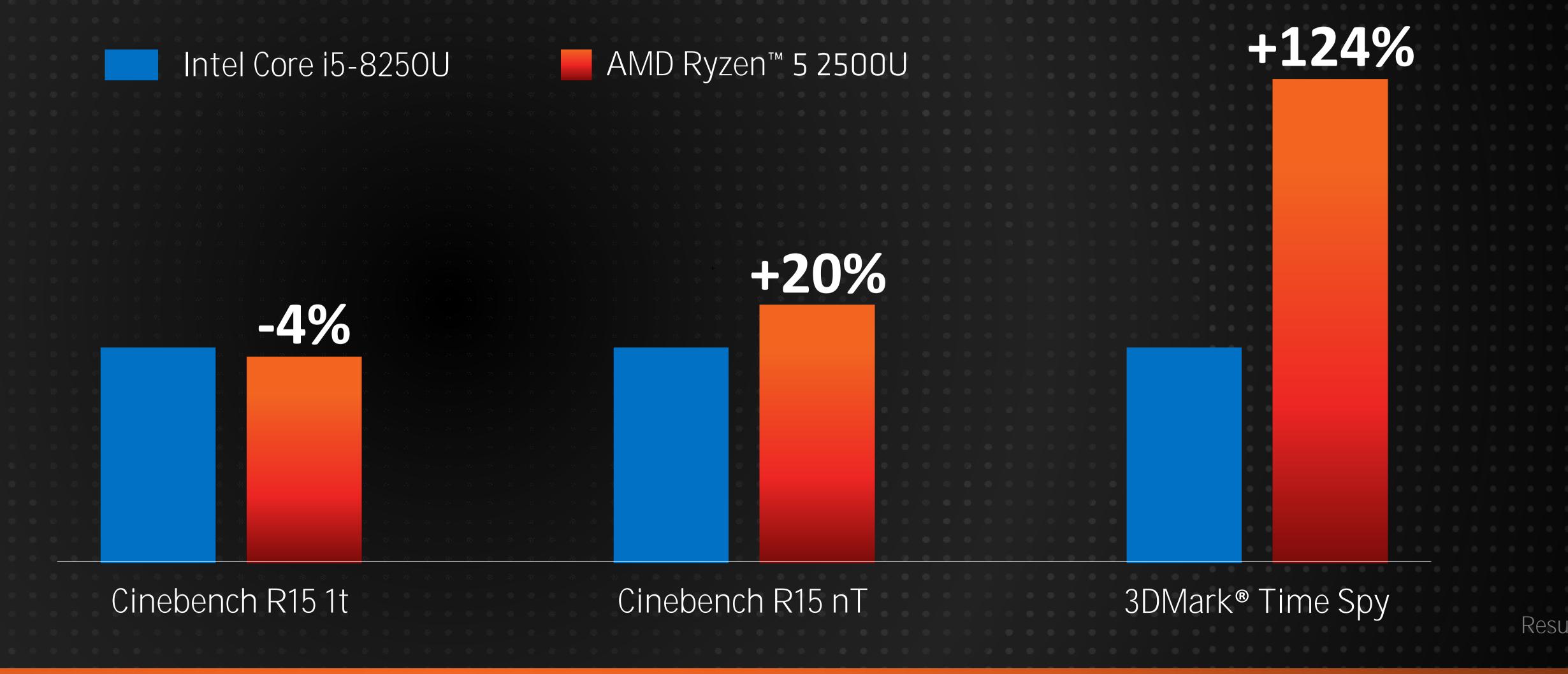


Aggressive Technology and IP Roadmap



EADERSHIP VIOBILE PRODUCT





INTRODUCING AT CES 2018

2ND GENERATION HIGH-PERFORMANCE CPU

12nm "Zen+" Processor

Precision Boost 2 Technology

Launching April 2018





CHANGING THE RULES OF HIGH-PERFORMANCE GRAPHICS

AMD RADEONT EVERYWHERE

GAMING PCs











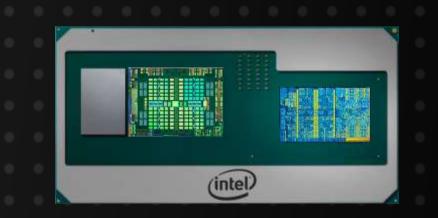


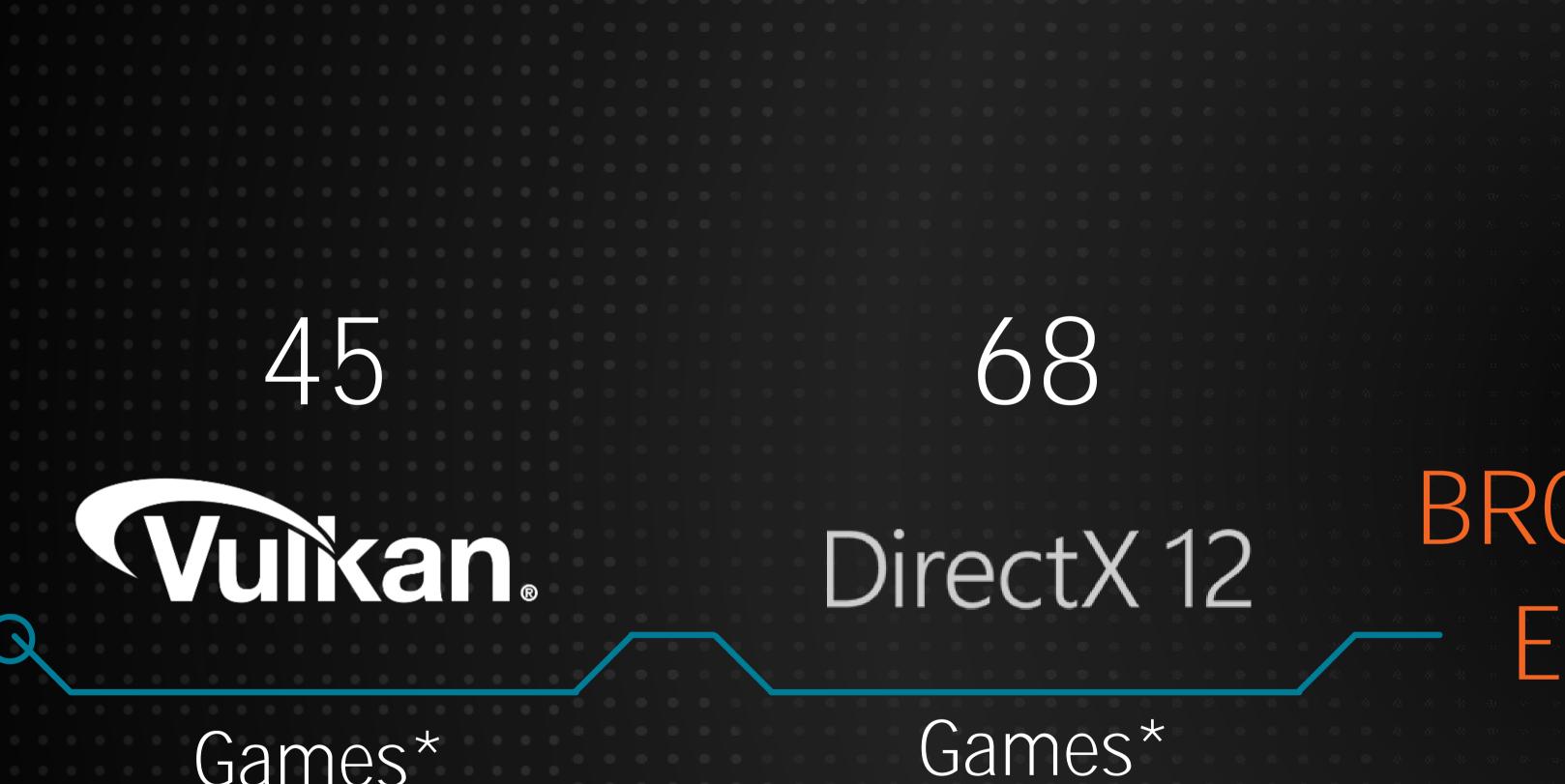






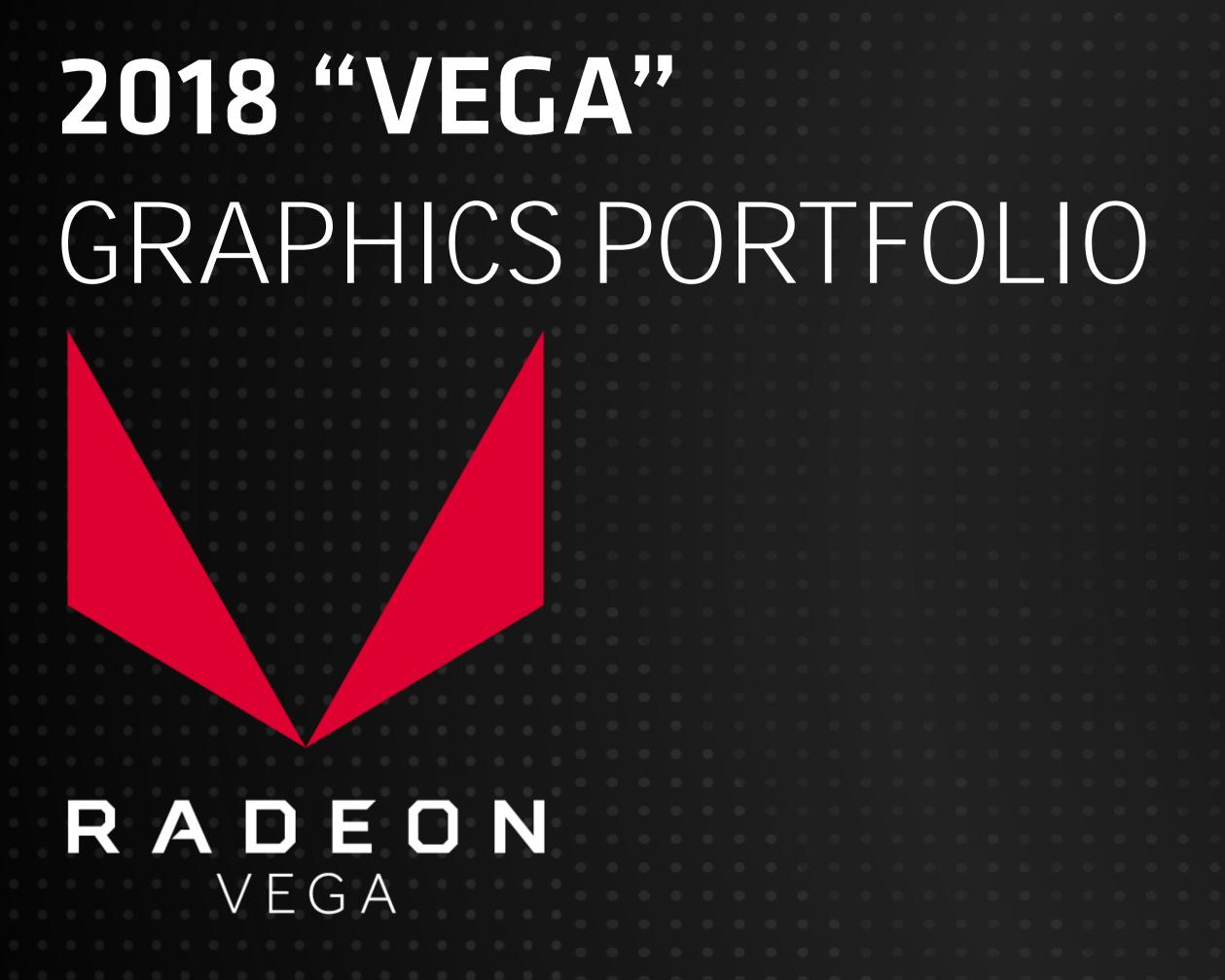






200+ RADEON BROAD RADEON RADEON FreeSync

RADEON



Premium Desktop

RADEON[™] RX VEGA 56 AND 64

Premium Mobile

ANNOUNCING AT CES 2018

RADEON VEGA MOBILE

Machine Learning

ANNOUNCING AT CES 2018

RADEON INSTINCT "VEGA" 7nm RADEON INSTINCT MI25

ANNOUNCING AT CES 2018:

RADEONT VEGA MOBILE DISCRETE GPU

1.7mm Z height and HBM2

Ultrathin performance gaming

Ultrathin workstations



ANNOUNCING AT CES 2018:

OUR FIRST 7nm PRODUCT 7nm Radeon™ "Vega" Architecture

Built for Machine Learning

Production-Level ML Software Stack



CHANGING THE RULES OF TECHNOLOGY

X86 ROADMAP LEADERSHIP

2017

"ZEN

14nm

52% IPC
Uplift Delivered

IN FINE TO THE PROPERTY OF THE

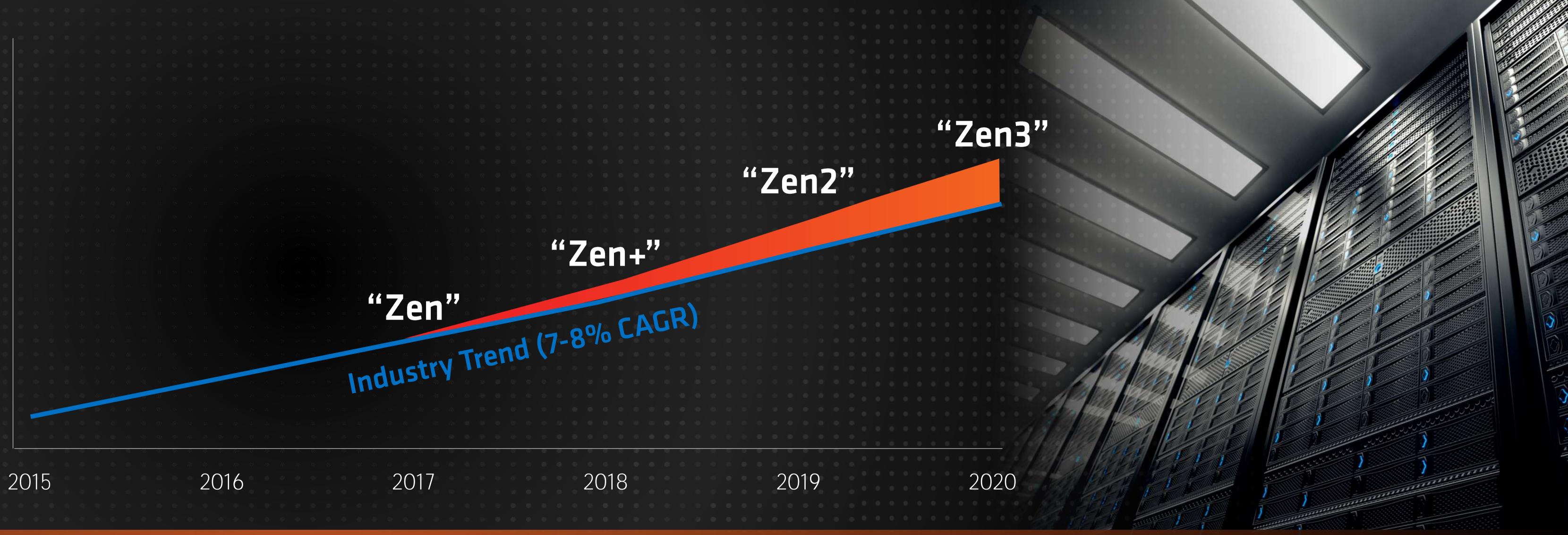
ZUZU

ZENB

7nm+

Roadmap subject to chang

AMBITIOUS CPU PERFORMANCE GOALS



GRAPHICS ARCHITECTURE ROADMAP

017

2020

"YEGA"
14nm

"VEGA"

7nm

"NAVI"

7nm

NEXT-GEN

7nm+

Roadmap subject to change

AMDA CHANGING THE RULES OF







HIGH-PERFORMANCE COMPUTING

AMDZ







THE BEST GETS BETTER IN 2018

ENDNOTES

Great Products in High Performance PCs

Ryzen 7 1800X

Threads:

Based on specifications at AMD.com and Intel.com as of January 5, 2018. AMD Ryzen 5 desktop processors have 8 to 12 threads. Based on specifications at AMD.com and Intel.com as of January 5, 2018. AMD Ryzen 5 desktop processors have 8 to 12 threads. RZN-117

Performance:

Based on data obtained from Guru3d.com and PCWorld.com as of on Oct. 5th, 2017. Results and methodology not independently verified by AMD. See http://www.guru3d.com/articles pages/intel core i7 8700k processor review.html and

https://www.pcworld.com/article/3230369/components-processors/core-i7-8700k-review-prices-specs-benchmarks.html. Guru3D.com reported that the Core i7-8700K achieved the following performance: 1402 in Cinebench nt; 424 MB/s in a 7-Zip archive decompress; completed the Corona benchmark in 2.34 seconds; and encoded a Magix Vegas PRO video in 16.07 seconds. Guru3D.com reported that the Ryzen 7 1800X achieved the following performance: 1637 in Cinebench nt, or (1637/1402=117%) 17% faster than the Core i7-8700K; 516 MB/s in a 7-Zip archive decompress; completed that the Ryzen 7 1800X achieved the following performance: 1637 in Cinebench nt, or (1637/1402=117%) 17% faster than the Core i7-8700K; 516 MB/s in a 7-Zip archive decompress; completed that the Ryzen 7 1800X achieved that the Core i7-8700K generally in 2.18 seconds, or (516/424=122%) 22% faster than the Core i7-8700K; completed the Corona benchmark in 2.18 seconds, or (2.34/2.18=107%) 7% faster than the Core i7-8700K; and encoded a Magix Vegas PRO video in 15.33 seconds, or (16.07/15.33=105%) 5% faster than the Core i7-8700K. PCWorld.com reported that the Ryzen 7 1800X achieved the following performance: completed a Handbrake encode in 1484 seconds; and encoded an Adobe Premiere video in 307 seconds; and encoded an Adobe Premiere video in 307 seconds; and encoded an Adobe Premiere video in 272 seconds, or (307/272=113%) 13% faster than the Core i7-8700K. RZN-100

Ryzen 5 2400G

Performance:

Testing by AMD Performance labs as of 12/08/2017 for the Ryzen 5 2400G, and 09/04/2015 for the Core i7-5775c on the following systems. PC manufacturers may vary configurations yielding different results. Results may vary based on driver versions used. System Configs: All systems equipped with Samsung 850 PRO 512GB SSD, Windows 10 RS2 operating system. Socket AM4 System: Ryzen 52400G processor, 16B (2 x 8GB) DDR3-1867 MHz RAM, graphics driver 10.18.15.4256:: 09/04/2015. 3DMark 11 Performance benchmark used to represent graphics power. The following scores in 3DMark 11 'performance' benchmark v1.0.132.0: The Ryzen 5 2400G: 5042. Also in v1.0.132.0, .The Core i7-5775c, the Intel desktop processor with the highest Intel desktop graphics performance, achieved 3094. RZG-01

Threads:

Based on specifications at AMD.com and Intel.com as of January 5, 2018. AMD Ryzen 7 desktop processors have 8 to 12 threads. RZN-117

ENDNOTES

Great Products in High Performance Graphics

More Gaming Performance on Radeon RX Vega 64 vs. GTX 1080. Testing done by AMD performance labs Sept 12, 2017 on a test system comprising of an Intel Core i7-7700K (@4.2GHz), 16GB Memory (DDR4-3000MHz), AMD (Vega) driver 17.30-170723n, NVidia driver 384.76 WHQL, and Windows 10 (64-bit). PC manufacturers may vary configurations yielding different results. Tests included3DMark 11, Ashes of the Singularity (DirectX12 High Preset, 1440p Ultra Settings 1440p UltraWide), Civilization 6 (Ultra settings 1440p Ultrawide), Doom (Vulkan, Ultra Preset, 1440p UltraWide). The Radeon™ RX Vega 64 averaged 22431, 85, 85, 73, 93 fps respectively. The GTX 1080 Founders Edition card average of three test runs. Results may vary based on driver version used. VG-25

Great Products in the Data Center

AMD EPYC™ 7601 processor supports up to 8 channels of DDR4-2667, versus the Xeon Platinum 8180 processor at 6 channels of DDR4-2667. NAP-42

AMD EPYC 7601 processor includes up to 32 CPU cores versus the Xeon Platinum 8180 processor with 28 CPU cores. NAP-43

AMD EPYC™ processor supports up to 128 PCIe® Gen 3 I/O lanes (in both 1 and 2-socket configuration), versus the Intel® Xeon® SP Series processor supporting a maximum of 48 lanes PCIe® Gen 3 I/O lanes (in both 1 and 2-socket). NAP-56

ENDNOTES

Leadership Mobile Product

Based on testing of the AMD Ryzen™ 5 2500U, and Core i5-8250U mobile processors as of 12/21/2017. Performance based on Cinebench R15 1T and nT, and 3DMark® Time Spy in order of AMD 2500U and Intel 8250U. Cinebench R15 1T results: 139.25, 145.47 giving 139.25/145.47 = .96X or 96% single thread performance; Cinebench R15 nT results: 606.5, 506.62 giving 606.5/506.62 = 1.20X or 120% multi-thread CPU performance or 20% more multithread CPU performance; 3DMark Time Spy results: 865, 386 giving 865/386 = 2.24X or 224% graphics performance or 124% more graphics performance.

AMD Ryzen™ 5 2500U: HP 83C6, AMD Ryzen™ 5 2500U Mobile Processor with Radeon™ Vega 8 Graphics 4200 RAM, Samsung 850 PRO 512GB SATA SSD, Windows 10 Pro RS2, Graphics driver 22.19.655.0, 12-Sep-2017 i5-8520U: HP 83C8, i5-8520U with Intel UHD Graphics 620,

8GB Dual Channel (2x4GB) DDR4-2400 RAM, Samsung 850 PRO 512GB SATA SSD, Windows 10 Pro RS2, Graphics driver 22.20.16.4771, 12-Aug-2017. Different configurations and drivers may yield different results. RVM-54

AMD Ryzen™ 5 2500U: HP 83C6, AMD Ryzen™ 5 2500U Mobile Processor with Radeon™ Vega 8 Graphics, 8GB Dual Channel (2x4GB) DDR4-2400 RAM, Samsung 850 PRO 512GB SATA SSD, Windows 10 Pro RS2, Graphics driver 22.19.655.0, 12-Sep-2017

i5-8520U: HP 83C8, i5-8520U with Intel UHD Graphics 620, 8GB Dual Channel (2x4GB) DDR4-2400 RAM, Samsung 850 PRO 512GB SATA SSD, Windows 10 Pro RS2, Graphics driver 22.20.16.4771, 12-Aug-2017

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DISCLAIMER

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"Zen", "Vega" and "Navi" are codenames for AMD architectures and are not product names.

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