5 WAYS
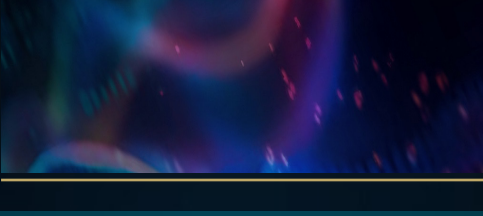## AMD LEADERSHIP PRODUCTS ENABLE IT TRANSFORMATION IN THE ERA OF AI

1 AMD ADVANCES END-TO-END AI INFRASTRUCTURE

AMD AI STRATEGIC PILLARS

Broad portfolio of training & inference compute engines from CPUs, GPUs, & adaptive computing

Open & proven software capabilities help ensure leading AI frameworks, libraries, and models are fully enabled for AMD hardware

Expanding AI ecosystem with deep co-innovation with cloud providers, OEMs, software developers & AI leaders
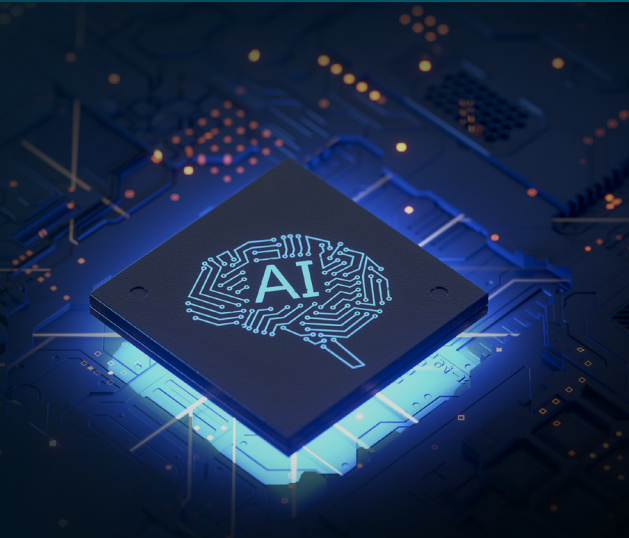
HPC | CLOUD | ENTERPRISE | EMBEDDED | PC

2 AMD IS MAKING THE BENEFITS OF AI PERVASIVE

At AMD we see the benefits of AI every day. Enabling medical research, curbing credit card fraud, reducing congestion in cities, or simply making life easier.

The full potential of AI will be realized when the technology is pervasive and spans from the cloud to the edge to endpoints. AMD is helping drive this with a focus on three key areas.

Solutions Portfolio
Broad portfolio of high performance adaptive hardware and software solutions that make AI possible

Open Ecosystem
Open, proven, and ready software strategy and co-innovating with partners across the open ecosystem
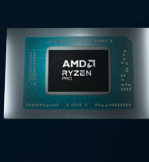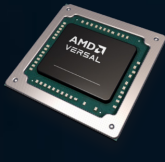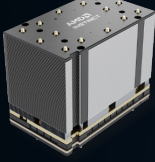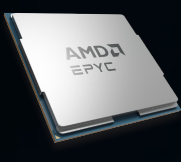
Compelling User Experience
Right-sizing AI solutions for devices and simplifying complex workloads into compelling user experiences

3 THE INDUSTRY'S BROADEST AI COMPUTE PORTFOLIO

AMD AI COMPUTE PORTFOLIO
AMD Delivers the Broadest Technology Portfolio to the Data Center

Cloud & Enterprise	Cloud	Edge and Embedded	Endpoint	Gaming AI
AMD Instinct™ MI300X Accelerators	AMD EPYC™ Processors	AMD Versal™ AI Edge Series	AMD Ryzen™ 8040 Series	AMD Radeon™ RX/PRO 7000 Series
Data Center Training & Inference	CPU AI Leadership	AI + Sensor Embedded Inference	AI inference for Windows PCs	Gaming AI

4 ARCHITECTURES TO ADDRESS DIVERSE AI REQUIREMENTS

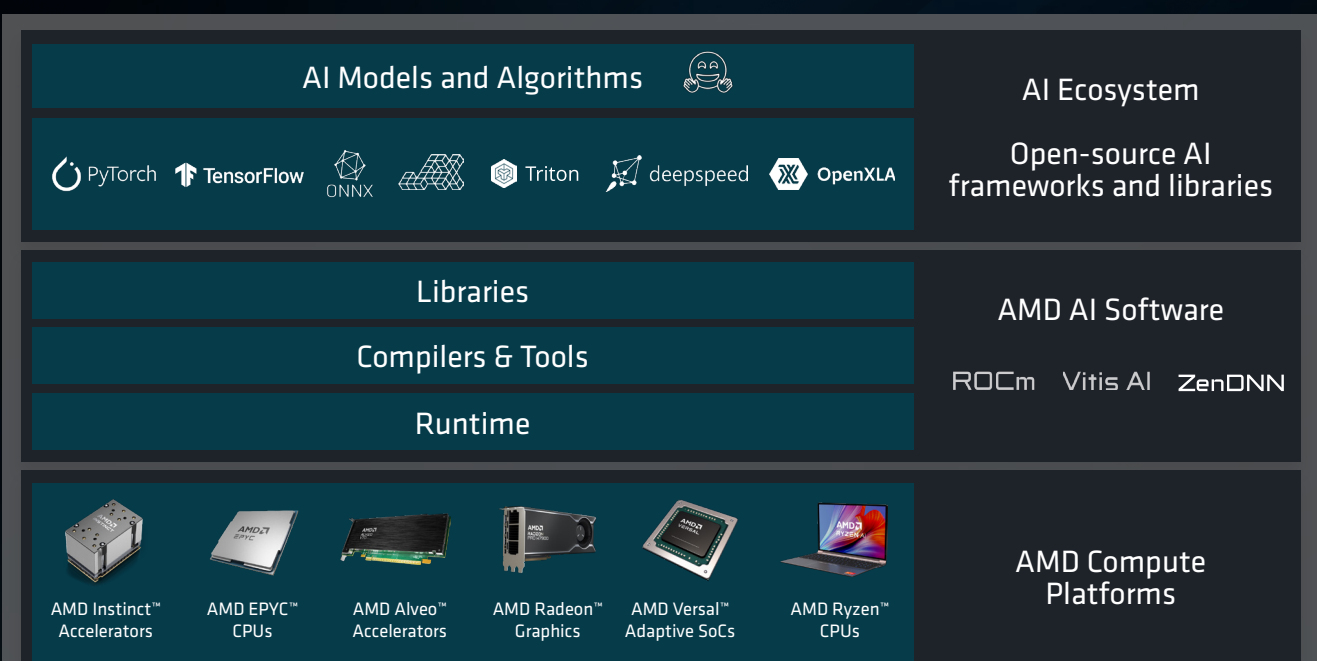| ZEN	AMD CDNA	AMD RDNA	AMD XDNA
General Processing & AI Inference	HPC & AI Training, Dense Inference	Gaming & AI-Based Content Creation	Low power, always-on AI inference
Data Center & Endpoint	Data Center & Supercomputer	Console & Endpoint	Endpoint & Embedded

CLOUD TO ENDPOINTS

5 CLOUD TO END-POINT AI SOFTWARE SOLUTIONS

AI SOFTWARE STACK FOR AMD COMPUTE PLATFORMS

AI Models and Algorithms

PyTorch · TensorFlow · ONNX · Triton · deepspeed · OpenXLA

AI Ecosystem
Open-source AI frameworks and libraries

Libraries
Compilers & Tools
Runtime

AMD AI Software
ROCm · Vitis AI · ZenDNN

AMD Instinct™ Accelerators · AMD EPYC™ CPUs · AMD Alveo™ Accelerators · AMD Radeon™ Graphics · AMD Versal™ Adaptive SoCs · AMD Ryzen™ CPUs

AMD Compute Platforms

STRENGTHENING SOFTWARE CAPABILITIES
By welcoming the skilled Mipsology and Nod.AI teams to AMD, we continue to strengthen our software capabilities to enable customers around the world to tap into the vast potential of pervasive AI.

Mipsology — High-Efficiency Inference

nod — Open-Source AI Compiler
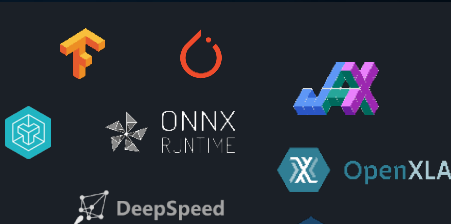
STRONG OPEN AI SOFTWARE AND ECOSYSTEM MOMENTUM

Hugging Face
62,000+ Models Running Nightly Fully Integrated Optimum library

PyTorch
From 'port-to' to 'develop-on' with latest platforms

ONNX · DeepSpeed · OpenXLA
Expanding Open Source Contributions & Footprint