5 REASONS WHY AMD EPYC™ PROCESSORS FOR ORACLE® CLOUD INFRASTRUCTURE

AT A GLANCE

Oracle Cloud Infrastructure (OCI) instances powered by AMD EPYC™ processors offer exceptional performance, flexibility and pricing for both general purpose and HPC workloads.

1

PERFORMANCE LEAP

Oracle Cloud E6 virtual machines (VMs) and bare metal instances powered by 5th Gen AMD EPYC™ processors running at up to 4.1 GHz deliver up to 2x better performance than the previous generation and allow seamless migration from your existing x86-based instances.

2

ULTIMATE FLEXIBILITY

Custom fit the number of CPU cores and memory size to match your general computing or AI inference workloads. With Oracle Cloud Infrastructure Flex instances, you're not limited to predefined shapes or sizes.

3

PRICE-PERFORMANCE

With no generational price increase on E6 featuring 5th Gen AMD EPYC processors, you can realize up to 50% increase in price-performance on E6 flex virtual machines and 2x increase in price-performance with E6 Bare Metal instances vs. E5.[1]

4

SIMPLIFIED SETUP

You can easily create AMD EPYC powered instances through the Oracle Cloud console, and quickly enable Confidential computing for end-to-end data encryption.

5

GLOBAL AVAILABILITY

Oracle Cloud instances powered by AMD EPYC processors are available in nearly all major regions across the globe.

	ORACLE® E6 WITH 5TH GEN AMD EPYC™ PROCESSORS	ORACLE® E5 WITH 4TH GEN AMD EPYC™ PROCESSORS
FLEXIBLE VIRTUAL MACHINE SHAPES	VM.Standard.E6.Flex vCPUs: up to 252 (126 OCPUs) Memory: up to 1.5TB Networking: up to 99 Gbps	VM.Standard.E5.Flex vCPUs: up to 188 (94 OCPUs) Memory: up to 1TB Networking: up to 40 Gbps
BARE METAL INSTANCES	BM.Standard.E6.256 vCPUs: 512 (256 OCPUs) Memory: 3TB Networking: up to 200 Gbps	BM.Standard.E5.192 vCPUs: 384 (192 OCPUs) Memory: 2.3TB Networking: up to 100 Gbps
SUGGESTED WORKLOADS	Video conferencing, real-time video processing, business-critical applications, web and application servers, in-memory databases, backend servers for enterprise applications and app development environments.	

ORACLE® CLOUD INFRASTRUCTURE

Oracle Cloud Infrastructure is a deep and broad platform of public cloud services that enables customers to build and run a wide range of applications in a scalable, secure, highly available and high-performance environment.

AMD EPYC™ PROCESSORS

AMD is the recognized market leader in high-performance computing technology, empowering businesses to manage and optimize their cloud performance effectively. That's why AMD partners with leading cloud providers to deliver solutions powered by EPYC processors that provide outstanding value, easy scalability and advanced security features.

READY TO CONNECT?

CONTACT OCI@AMD.COM

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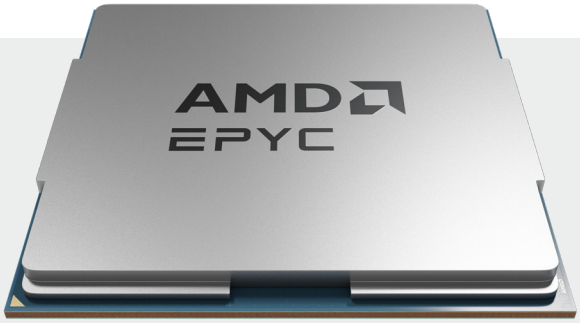
together we advance_cloud computing



1 Source: Oracle launches OCI Compute E6 Standard Instances: 2X the Performance, Same Price