



Amazon EC2 Instances Powered by **AMD EPYC™ Processors**



Flexibility and Choice

Additional choices to help you optimize both cost and performance for your workloads. Available now in the EC2 general purpose (M5a), general purpose burstable (T3a), and memory optimized (R5a) instance families.



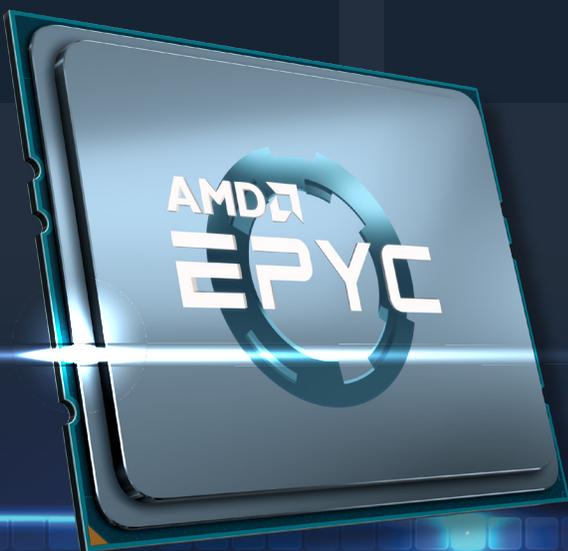
Better Economics

EC2 instances featuring AMD EPYC™ processors deliver a 10% lower cost compute and memory compared to comparable instances. Since many workloads utilize only a fraction of the processor's maximum performance, these instances offer a better fit for many workloads.



Seamless Migration

Easily migrate applications currently running on existing EC2 instances to the new AMD-based variants with little to no modification. These instances are available in the same sizes and offer application compatibility with the T3, M5, and R5 instances, so you can start using them just like your other EC2 instances.



Powered by AMD EPYC™

AMD EPYC™ 7000 series processors have an all core turbo clock speed of 2.5 GHz. The AMD-based instances provide additional options for customers and may offer a better fit for many workloads that do not fully utilize the compute resources. By optimizing the balance between compute resources and utilization, these instances provide a 10% lower cost than comparable instances.



Reliable Infrastructure

EC2 offers a highly reliable environment where replacement instances can be rapidly and predictably commissioned. The service runs within Amazon's proven network infrastructure and data centers. The Amazon EC2 Service Level Agreement commitment is 99.99% availability for each Amazon EC2 Region.



Networking and Storage

Next-generation Elastic Network Adapter (ENA) provide high throughput, low latency interfaces for networking and Amazon Elastic Block Store (Amazon EBS). EC2 instances featuring AMD EPYC™ processors offer up to 20 Gbps of network bandwidth and up to 10 Gbps of dedicated bandwidth to Amazon EBS.



AWS Nitro System

The AWS Nitro System, delivers a rich collection of building blocks that offloads many of the traditional virtualization functions to dedicated hardware. By doing so, the AWS Nitro System enables high performance, high availability, and high security while also reducing virtualization overhead.

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