

Tech

# Oracle Cloud to deploy 50,000 AMD AI chips

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Oracle Cloud Infrastructure (NYSE:[ORCL](#)) plans to deploy 50,000 Advanced Micro Devices (NASDAQ:[AMD](#)) graphics processors starting in the second half of 2026.

Beginning in the third quarter of 2026, Oracle will be the first hyperscaler to offer a publicly available AI supercluster powered by 50,000 AMD Instinct MI450 Series GPUs, the company said in a news release.

Oracle (NYSE:[ORCL](#)) plans to deploy AMD's Instinct MI450 chips, which were introduced earlier this year. These are AMD's first AI accelerators designed to scale into rack-sized systems, allowing up to 72 chips to operate as a single unit — a configuration essential for running and deploying advanced AI algorithms.

The product was unveiled in June at a company event featuring OpenAI CEO Sam Altman and AMD CEO Lisa Su.

The decision reflects a broader trend of cloud providers increasingly adopting AMD GPUs as an alternative to Nvidia's ([NVDA](#)) dominant chips for artificial intelligence workloads.

"We feel like customers are going to take up AMD very, very well — especially in the inferencing space," said Karan Batta, senior vice president of Oracle Cloud Infrastructure, in an interview with *CNBC*'s Seema Mody.

"I think AMD has done a really fantastic job, just like Nvidia, and I think both of them have their place," Batta added.

This announcement builds upon the joint work of Oracle and AMD to deliver AMD Instinct GPU platforms on Oracle Cloud Infrastructure (OCI) to end customers, beginning with the launch of AMD Instinct MI300X-powered shapes in 2024 and extending to the general availability of OCI Compute with AMD Instinct MI355X GPUs.

It comes as Oracle hosts its AI World event in Las Vegas to share the latest in AI technology product innovations.

ORCL shares fell **-1.5%** premarket. AMD advanced **+3.2%**

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More details to share: The company says it will provide Oracle with the AI chips via its [AMD](#) Helios rack servers complete with its next-generation Epyc Venice CPUs and Pensando Vulcano networking.

Note there are CPUs and Pensando products too, not GPU only.

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