# ARM Server AI




## Overview

Arm Holding s announced its first chip product, the Arm AGI CPU. The new data center processor is designed specifically for AI agent infrastructure. The Arm AGI CPU is the first production silicon from Arm, designed for the demands of agentic AI, where software agents reason, decide, and act continuously at scale. These workloads require a CPU that can orchestrate compute, manage accelerators, and coordinate thousands of agents simultaneously. Arm is accelerating AI everywhere with a compute platform that delivers unmatched performance, scalability, and efficiency—from the edge to autonomous machines and the cloud. After more than 35 years of operating solely as an intellectual property licensor, Arm is now creating and selling its own processors. It's a shift. It has been nearly five decades since British workstation maker Acorn Computer was founded, and nearly four decades since Acorn RISC Machines – what we have known variously as Arm, Arm Ltd, or Arm Holdings – was set up independently and eventually spun out as a separate public company in 1998. and TAIPEI, June 2, 2026 /PRNewswire/ -- Super Micro Computer, Inc. (NASDAQ: SMCI), an AI, Enterprise, Storage, 5G/Edge total solution provider featuring Data Center Building Block Solutions ® (DCBBS), today announced a new class of AI-centric solutions featuring Arm ® AGI CPUs.

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## Article Content

Arm AGI CPU – Arm®

The Arm AGI CPU, based on Arm Neoverse CSS V3, delivers high performance and extreme rack-level density, enabling faster deployment of AI infrastructure

AI on Arm: Secure, Scalable Intelligence from ML to

Explore how the innovative designs from Arm help power AI compute across diverse edge and IoT applications. By enabling real-time analytics in scenarios like

Arm Launches First Server CPU, Expanding Its Push

The move puts Arm deeper into the AI data center market and raises new questions about competition, customers and its relationships with existing

Report claims Arm chips will power 90% of AI servers based on

Over the next several years proliferation of custom CPUs based on the Arm ISA inside AI servers will increase to 90%, leaving x86 and Arm around 10%, according to Counterpoint Research.

Arm Comes Full Circle With Homegrown, AI-Tuned Server CPU

There is no way in hell that Arm can compare its AGI CPU to the homegrown Arm server CPUs that its hyperscaler and cloud builder companies have brought into existence over the past

Arm servers capture over 45% of data center market revenue — GPU ...

Servers running x86 processors from AMD and Intel used to rule the market, both unit and money-wise, less than a decade ago, but fast forward to today, Arm-based machines command

Super Micro Computer, Inc.

ORW - 48U rack 336 Arm AGI CPUs per rack 168 Servers per rack with 45,696 cores per rack Supermicro continues to lead the industry with its comprehensive portfolio of AI infrastructure

Supermicro Arm AGI Solutions | Supermicro

The Arm AGI CPU is the first production silicon from Arm, designed for AI infrastructure at scale. It is designed to deliver a new class of CPU with high performance and extreme rack-level density

Arm launches its own CPU, with Meta as first customer

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CNBC got an exclusive first look at Arm''s first ever in-house chip, the AGI CPU, purpose-built for running AI inference in data centers. Meta is the first

Arm''s 136-Core AGI Chip Outpaces x86 in Data Centers

The Arm AGI CPU is a data center processor built for what the company calls the “agentic AI cloud era”–the emerging paradigm where

Arm launches 136-core AGI CPU for data centers

The company has released a reference server design for data center suppliers that plan to integrate the processor into their products. It''s an air-cooled

AMD Jumps 18% Pre-market as CPU TAM Hits $120B; UBS Sees Arm

AMD shares surged after reporting Q1 results, with data center revenue surpassing Intel and a raised server CPU TAM outlook to $120 billion by 2030. UBS forecasts the server CPU market

ARM Stock Rockets On AI Price Target Hikes And New Server Deals

Arm Holdings plc stocks have been trading up by 5.8 percent after upbeat AI-chip demand reports boosted investor optimism Key Takeaways For ARM Traders Wall Street is racing to

Nvidia''s Arm chips rapidly gain share in server market as AI booms ...

Desktops Servers Nvidia''s Arm chips rapidly gain share in server market as AI booms — Nvidia''s Arm-powered GB200 servers surge as market reaches a record $95 billion in the first

The Silent Architect: How Data Centers and AI Propelled Arm

As AI models become more specialized, the need to run them locally on devices—rather than in the cloud—will grow. Arm is already positioning its v9.2 and v10 architectures to handle these

AMD and ARM Server CPU Shipments Surge

Future Outlook: Analysts expect sustained growth in server CPU demand into 2026, driven by nearly 81% year-over-year growth in hyperscaler capital expenditures, with ARM favored

Arm Neoverse Compute Subsystem V3 | High

Arm Neoverse CSS V3: High-performance, TCO-optimized cloud AI compute platform Arm Neoverse CSS V3 is the fastest path to building high-performance,

Arm''s 136-Core AGI Chip Outpaces x86 in Data Centers

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Arm''s 136-core data center CPU targets AGI workloads with 50% better power efficiency vs x86. Specs, benchmarks, and what it means for AI infrastructure in 2026.

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