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Arm CPU Architecture - Arm®

Arm CPU Architecture is a RISC-based instruction set defining processor execution, exception handling, and memory models. It is the world's most pervasive processor architecture, powering over 325 billion chips across diverse markets.

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Prototype, build, optimize, and deploy AI workloads seamlessly on Arm using popular ML frameworks, libraries, and tools — delivering scalable performance and efficiency from cloud to edge devices.

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Arm develops the compute platform that is powering the global AI revolution. Our high-performance, energy-efficient CPU products are trusted by the world's leading semiconductor companies and deployed in more than 325 billion chips to date—including over 99% of smartphones.