

ARM

The ARM (previously, the **Advanced RISC Machine**, and prior to that **Acorn RISC Machine**) architecture is a 16/32-bit RISC processor architecture. ARM processors are widely used in mobile devices because of its low power consumption. The ARM architecture provides support for the 32-bit ARM and 16-bit Thumb Instruction Set Architectures along with architecture extensions to provide support for Java acceleration (Jazelle?), security (TrustZone?), Intelligent Energy Manager (IEM), SIMD, and NEON™ technologies.

The ARM processor range provides solutions for:

- Open platforms running complex operating systems for wireless, consumer and imaging applications.
- Embedded real-time systems for mass storage, automotive, industrial and networking applications.
- Secure applications including smart cards and SIMs.

Symbian devices are only ARM based.

External Links

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