

ARM 64 Processors Support: February 2024

At release 2024 R1, the ARM architecture for computer processors is supported for the following Ansys products: Fluent and RedHawk-SC.

Support by product is limited on ARM 64 processors (aarch64 architecture) on the following operating systems.

Operating System/Version	Fluent *	RedHawk-SC
RHEL 7.8	✓*	
RHEL 7.9	✓*	✓
CentOS 7.8	✓*	
CentOS 7.9	✓*	✓

* solver-only

Stand-alone installer for Fluent on ARM is available upon special request to Ansys Support.

The aarch64 extension was introduced in ARMv8-A architecture and is included in ensuing versions of ARMv8-A.

The LS-DYNA solver supports 64-bit ARM architecture. The four options available are:

- Fujitsu A64FX processor with Tofu interconnect, version R11.2.2 (released in 2021)
- ARM Neoverse-N1-based processors, version R12.1.0 (released in 2021)
- ARM Neoverse-N1-based processors, R13.1.1 (released in 2022)
- ARM Neoverse-512tvb-based processors, version R13.1.1 (released in 2022)

For more information about Arm technology, see [Defining the Future of Computing – Arm®](#)

For questions about this document, send e-mails to platform-feedback@ansys.com