

ARM 64 Processors Support: October 2023

At release 2023 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	✓*	✓
	* Beta; solver-only	

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 two options available are:

- Fujitsu A64FX processor with Tofu interconnect, version 11.2 (released in 2021)
- ARM Neoverse processors with OpenMPI, version 12.1 (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