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ARM 64 Processors Support: June 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 2021)
- ARM processors (Neoverse1) 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