



Message Passing Interface Support for Parallel Computing

Release 2023 R2

Axioms

When using Microsoft HPC Pack, Windows Server 2019 should be used with HPC Pack 2019.

Some products may fail to start on some RHEL 8.6 systems due to an incompatibility of Intel MPI with specific Linux kernel versions.

Announcements

2024 R1 will be the last release to support Intel MPI 2019.10.321 for Speos.

		Ansys Forming	CFX	Mechanical APDL	HFSS, Maxwell, Q3D Extractor, & Siwave	Fluent ¹	Forte	LS-DYNA, LS-OPT, LS-PrePost, & LS-TaSC	Lumerical	EnSight	Speos
Windows 10 & 11	Intel MPI version(s):	2019.6	2018.3	2021.8	2018.3 2021.6	2021.8	2018.3 2021.8	2019.6	2019.10	2018.3 2021.8	2021.8
	MS MPI version(s):	10.1	10.1	10.1	10.0	10.1		10.1	10.1		10.1
Windows Server	Intel MPI version(s):		2018.3	2021.8	2018.3 2021.6		2018.3 2021.8		2019.10	2018.3 2021.8	2021.8
	MS HPC Packs		2019*	2019*	2019*	2019*		2019*			2019*
Linux	Intel MPI version(s):	2018.3	2021.8	2018.3 2021.8	2018.3 2021.6	2021.8	2018.3 2021.8	2018.3	2019.1	2018.3 2021.8	2018.3 2018.4 2021.8
	Open MPI version(s):	4.0.5	4.0.5	4.0.5		4.0.5		4.0.5	4.0.5	4.0.5	4.0.5

* installs MS MPI 10.1 default in bold

1. Fluent may fail to start on some RHEL 8.6 systems due to an incompatibility of Intel MPI with specific Linux kernel versions.