



Message Passing Interface Support for Parallel Computing

Release 2023 R1

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.

		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):	2018.3.322	2018.3.210	2021.5.0	2018.3.210 2021.6.0	2018.3.210 [^] 2019.10.321 ^{^^}	2018.3.210 2019.10 2021.6.0	2018.3.222	2019.10.321	2018.3 2019.10 2021.3	2019.10.321 2021.6.0
	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):		2018.3.210	2021.5.0	2018.3.210 2021.6.0		2018.3.210 2019.10 2021.6.0		2019.10.321	2018.3 2019.10 2021.3	2019.10.321 2021.6.0
	MS HPC Packs		2019*	2019*	2019*	2019*		2019*			2019*
Linux	Intel MPI version(s):	2018.3.222	2021.3.0	2018.3.222 2021.6.0	2018.3.222 2021.6.0	2021.3.0	2018.3.222 2019.12 2021.6.0	2018.3.222	2019.10.321	2018.3 2019.10.321 2021.3.0	2018.3 2018.4.274 2021.6.0
	Open MPI version(s):	4.0.0	4.0.5	4.0.5		4.0.5		4.0.5	4.0.5	4.0.5	4.0.5
	Cray-MPICH		7.5.3			7.5.3					

* installs MS MPI 10.1

[^] default for distributed memory

^{^^} default for local machine

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.