



# Message Passing Interface Support for Parallel Computing

## Release 2022 R2

### Axioms

1. When using Microsoft HPC Pack:

Windows Server 2016 should be used with HPC Pack 2016 Update 3

Windows Server 2019 should be used with HPC Pack 2019

		Ansys Forming	CFX	Mechanical APDL	HFSS, Maxwell, Q3D Extractor, & Siwave	Fluent	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	2018.3.210 2019.10.321	2018.3.210 2019.10.321****	2019.5.281	2019.10.321		2019.10.321
	MS MPI version(s):	10.1	10.1	10.1	10.0	10.1		10.1	10.1		10.0, 10.1
Windows Server <sup>1</sup>	Intel MPI version(s):		2018.3.210	2021.5.0	2018.3.210		2018.3.210 2019.10.321****		2019.10.321		2019.10.321
	MS HPC Packs	2016*	2016*, 2019**	2016*, 2019**	2016*, 2019**	2016*, 2019**		2016*			2016*, 2019**
Linux	Intel MPI version(s):	2018.3.222	2018.3.222 2021.3.0*****	2018.3.222 2021.6.0*****	2018.3.222	2021.3.0	2018.3.222 2019.12.320*****	2019.5.281	2019.10.321	2018.3 2019.10.321 2021.3.0*****	2018.4.274
	Open MPI version(s):	4.0.0	4.0.5	4.0.5		4.0.5		4.0.0	3.1.4	4.0.5****	4.0.5
	Cray-MPICH		7.5.3			7.5.3					

\* installs MS MPI 10.0

\*\* installs MS MPI 10.1

\*\*\* also supported on macOS

\*\*\*\* default