



Job Schedulers & Queuing Systems Tested *

Release 2022 R1

Tested Third-Party Job Schedulers/Commercial Batch-Queuing Systems to integrate a Windows Client with a Linux server or diversified/cluster high performance capacity (HPC) environment.

| Supported Job Schedulers & Queuing Systems | Linux & Windows Queuing System Version | CFX | Exalto | Forte | Fluent | HFSS | Icepak | Lumerical | Maxwell | Mechanical | Mechanical APDL | Pharos | Polyflow | Q3D Extractor | RaptorH & RaptorX | Siwave | Speos HPC | Twin Builder | VeloceRF | |
|--|--|------------------|----------------|------------------|------------------|----------------|------------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|--|
| Altair PBS Professional | PBS 19.2 (Linux) | | ✓ ² | | ✓ ^{1,2} | | ✓ ² | | | | | ✓ ² | | | ✓ ² | | | | ✓ ² | |
| | PBS 19.2 (Windows) | | | | | | ✓ ² | | | | | | | | | | | | | |
| | PBS 2021.1 (Linux) | ✓ ¹ | | | ✓ ¹ | ✓ ² | ✓ ¹ | | ✓ ² | ✓ ¹ | ✓ ¹ | | ✓ ¹ | ✓ ² | | ✓ ² | ✓ ² | | | |
| ANSYS RSM Cluster (ARC) | 22.1 (Linux) | ✓ ¹ | | ✓ ¹ | ✓ ¹ | | ✓ ¹ | | | ✓ ¹ | ✓ ¹ | | ✓ ¹ | | | | | | | |
| | 22.1 (Windows) | ✓ ¹ | | ✓ ¹ | ✓ ¹ | | ✓ ¹ | | | ✓ ¹ | ✓ ¹ | | ✓ ¹ | | | | | | | |
| IBM® Spectrum LSF | 10.1 (Linux) | ✓ ¹ | ✓ ² | | ✓ ^{1,2} | ✓ ² | ✓ ^{1,2} | | ✓ ² | ✓ ¹ | ✓ ¹ | ✓ ² | ✓ ¹ | ✓ ² | ✓ ² | ✓ ² | ✓ ² | | ✓ ² | |
| | 10.1 (Windows) | | | | | | ✓ ² | ✓ ² | | | | | | | | | | | | |
| SLURM | 20.0 (Linux) | | | | | | | | | | | | | | | | | | ✓ ² | |
| | 20.11 (Linux) | | ✓ ² | ✓ ² | ✓ ² | ✓ ² | ✓ ¹ | ✓ ² | ✓ ² | ✓ ¹ | ✓ ¹ | ✓ ² | ✓ ¹ | ✓ ² | ✓ ² | ✓ ² | ✓ ² | | ✓ ² | |
| Univa Grid Engine | Univa 8.6 (Linux) | ✓ ^{1,2} | ✓ ² | ✓ ^{1,2} | ✓ ^{1,2} | ✓ ² | ✓ ^{1,2} | | ✓ ² | ✓ ¹ | ✓ ¹ | ✓ ² | ✓ ¹ | ✓ ² | ✓ ² | ✓ ² | | | ✓ ² | |
| | Univa 8.6 (Windows) | | | | | | ✓ ² | ✓ ² | | | | | | | | | | | | |
| Windows HPC Server Job Scheduler | HPC 2016 (Windows Server 2016) | ✓ ^{1,2} | | | ✓ ^{1,2} | ✓ ² | ✓ ^{1,2} | ✓ ² | ✓ ² | ✓ ¹ | ✓ ¹ | | ✓ ¹ | ✓ ² | | ✓ ² | ✓ ² | ✓ ² | ✓ ² | |
| | HPC 2019 (Windows Server 2019) | ✓ ² | | | ✓ ² | ✓ ² | ✓ ¹ | | ✓ ² | ✓ ¹ | ✓ ¹ | | ✓ ¹ | ✓ ² | | ✓ ² | ✓ ² | ✓ ² | ✓ ² | |

* Note: Job schedulers do not support all versions of Linux and Windows. Confirm with the vendor that the job scheduler is compatible with your chosen operating system.

- ✓ Tested on Workload Manager/Job Scheduler
- 1 Tested via Ansys Remote Solve Manager with Workbench
- 2 Tested without ANSYS Remote Solve Manager or Workbench
- 3 Tested via Ansys Remote Solve Manager