

Altair HyperWorks 2019

Platform Support

Version: 2.3

The following table lists the platforms, operating systems, and processors supported by Altair HyperWorks 2019. This includes 2019 solver packages.

Platforms			Altair HyperWorks 2019	
OS	Version	Architecture	GUI Products	Solvers
Windows	7/10	x86_64	YES	YES
Linux**	RHEL and CentOS 6.6/7.2 SLES 12 SP2	x86_64	YES	YES

Windows Ultra HD (UHD/HiDPI) requires Windows 10 updated to version of 1709 or higher
 SLES=SUSE Linux Enterprise Server
 RHEL=Red Hat Enterprise Linux

Products Included in HyperWorks Suite

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Altair HyperWorks Desktop™ Applications 2. Altair HyperWorks Solvers™ 3. Altair CFD Solvers™ 4. Altair ConnectMe™ * 5. Altair Virtual Wind Tunnel ultraFluidX 6. Altair Inspire™ * 7. Altair SimLab™ 8. Altair Feko + WinProp™ 9. Altair Flux™ | <ol style="list-style-type: none"> 10. Altair Activate™ * 11. Altair Compose™ 12. Altair Inspire Cast™ * 13. Altair Inspire Extrude™ Metal * 14. Altair Inspire Extrude™ Polymer * 15. Altair Inspire Form™ * |
|---|---|

*Windows only

Added Platforms in HyperWorks 2019

1. SUSE Linux Enterprise Server 12 SP2 64-bit

Dropped Platforms in HyperWorks 2019

1. Windows 8.1 64-bit
2. SUSE Linux Enterprise Server 11 SP3 64-bit
3. SUSE Linux Enterprise Server 12 SP1 64-bit

Compiler Support for HyperWorks 2019

1. On Windows: Visual Studio 2015 Update 3
2. On Linux: GCC 4.9.2

**Check system requirements for Linux package details

HyperWorks 2019 may install and run on other non-supported Linux distributions but Altair does not test, certify, verify or warrant the reliability of the products on these platforms.

- a) Altair products are tested on Gnome window managers.

b) Xen kernels are currently not supported kernels for Altair HyperWorks 2019 applications.

***** Ultra High Definition Support**

1. Ultra HD resolution support (2160p) will only be available on Windows 10 (version 1709 or higher).
 - a. Using Windows 200% scaling for 2160p is recommended.
2. Windows 7 is not officially supported under Ultra HD settings.
3. Linux versions supported for Ultra HD are RHEL/CentOS 7.2 and SLES 12 SP 2. Recommended to also install and use the Gnome Tweak Tool as needed to resolve operating system Ultra HD scaling issues (using Font scaling to 2 under the tweak tool).
 - a. Running with lower versions of CentOS/RHEL 6.6 may work with issues from not having the gnome tweak tool available under those operating system versions.
4. Our recommended HD setting is 1080p and our Ultra HD setting is 2160p. There may be some scaling issues (icons look smaller) on resolution of 1440p.
5. Java based tools within our products still show some scaling issues under Ultra HD resolution.
6. Fonts updated within the graphics window of HyperWorks products and HyperMesh panels.

Minimum Operating System Requirements Table

System/Hardware Information	Linux		Windows	
Operating Systems	RHEL/CentOS 6.6 (64-bit) RHEL/CentOS 7.2 (64-bit) SLES 12 SP2 (64-bit)		7/10 (64-bit)	
Memory	4 GB (higher recommended)		4 GB (higher recommended)	
Complete Install Disk Space ~8 GB temporary disk space required for full HyperWorks 2019 install.	Applications 46 GB	Help 9 GB	Applications 70 GB	Help 10 GB
Graphics Hardware	OpenGL 3D graphics accelerator compatible with OpenGL 3.2 or higher OpenCL 2.0 required True color (24-bit) support Install/update to most recent OpenGL patches/drivers 1680x1050 screen resolution or higher for optimal user experience 2 GB or higher dedicated RAM Only AMD and NVIDIA GPUs supported (Intel chipsets are not supported)		OpenGL 3D graphics accelerator compatible with OpenGL 3.2 or higher OpenCL 2.0 required True color (24-bit) support Install/update to most recent OpenGL patches/drivers 1680x1050 screen resolution or higher for optimal user experience 2 GB or higher dedicated RAM Only AMD and NVIDIA GPUs supported (Intel chipsets are not supported)	

Linux System Requirements

Run the HyperWorks compatibility tool to validate your Linux compatibility with Altair products located under the <INSTALL_PATH>/altair/utility/HWCompatibilityTool/ folder.