Altair Simulation 2022.2

Platform Support

Updated: 11/29/2022

Contents

Intellectual Property Rights Notice iii
Technical Support vii

Platform Support 9

Altair Simulation Products 11
Platforms Added in Altair Simulation 2022.2 12
Platforms Dropped in Altair Simulation 2022.2 13
Minimum Operating System Requirements 14
Linux System Requirements 16

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Altair Simulation Products

Altair® AcuSolve® ©1997-2022

Altair Activate® ©1989-2022

Altair® Battery Designer™ ©2019-2022

Altair Compose® ©2007-2022

Altair® ConnectMe™ ©2014-2022

Altair® EDEM™ ©2005-2022

Altair® ElectroFlo™ ©1992-2022

Altair Embed® ©1989-2022

Altair Embed® SE ©1989-2022

Altair Embed®/Digital Power Designer ©2012-2022

Altair Embed® Viewer ©1996-2022

Altair® ESAComp® ©1992-2022

Altair® Feko® ©1999-2022

Altair® Flow Simulator™ ©2016-2022

Altair® Flux® ©1983-2022

Altair® FluxMotor® ©2017-2022

Altair® HyperCrash® ©2001-2022

Altair® HyperGraph® ©1995-2022

Altair® HyperLife® ©1990-2022

Altair® HyperMesh® ©1990-2022

Altair® HyperStudy® ©1999-2022

Altair® HyperView® ©1999-2022

Altair® HyperWorks® ©1990-2022

Altair® HyperXtrude® ©1999-2022

Altair® Inspire™ ©2009-2022

Altair® Inspire™ Cast ©2011-2022

Altair® Inspire™ Extrude Metal ©1996-2022

Altair® Inspire™ Extrude Polymer ©1996-2022

Altair® Inspire™ Form ©1998-2022

Altair® Inspire™ Mold ©2009-2022

Altair® Inspire™ PolyFoam ©2009-2022

Altair® Inspire™ Print3D ©2022

Altair® Inspire™ Render ©1993-2022

Altair® Inspire™ Studio ©1993-2022

Altair® Material Data Center™ ©2019-2022

Altair® MotionSolve® ©2002-2022

Altair® MotionView® ©1993-2022

Altair® Multiscale Designer® ©2011-2022

Altair® nanoFluidX® ©2013-2022

Altair® OptiStruct® ©1996-2022

Altair® PollEx™ ©2003-2022

Altair® PSIM™ ©2022

Altair® Pulse™ ©2020-2022

Altair® Radioss® ©1986-2022

Altair® romAI™ ©2022

Altair® SEAM® ©1985-2022

Altair® SimLab® ©2004-2022

Altair® SimLab® ST ©2019-2022

Altair SimSolid® ©2015-2022

Altair® ultraFluidX® ©2010-2022

Altair® Virtual Wind Tunnel™ ©2012-2022

Altair® WinProp™ ©2000-2022

Altair® WRAP™ ©1998-2022

Altair® S-FRAME® ©1995-2022

Altair® S-STEEL™ ©1995-2022

Altair® S-PAD™ ©1995-2022

Altair® S-CONCRETE™ ©1995-2022

Altair® S-LINE™ ©1995-2022

Altair® S-TIMBER™ ©1995-2022

Altair® S-FOUNDATION™ ©1995-2022

Altair® S-CALC™ ©1995-2022

Altair® S-VIEW™ ©1995-2022

Altair® Structural Office™ ©2022

Altair®HyperViewPlayer® ©2022

Altair Packaged Solution Offerings (PSOs)

Altair® Automated Reporting Director™ ©2008-2022

Altair® e-Motor Director™ ©2019-2022

Altair® Geomechanics Director™ ©2011-2022

Altair® Impact Simulation Director™ ©2010-2022

Altair® Model Mesher Director™ ©2010-2022

Altair® NVH Director™ ©2010-2022

Altair® NVH Full Vehicle™ ©2022

Altair® NVH Standard™ ©2022

Altair® Squeak and Rattle Director™ ©2012-2022

Altair® Virtual Gauge Director™ ©2012-2022

Altair® Weld Certification Director™ ©2014-2022

Altair® Multi-Disciplinary Optimization Director™ ©2012-2022

Altair HPC & Cloud Products

Altair® PBS Professional® ©1994-2022

Altair® PBS Works™ ©2022

Altair® Control™ ©2008-2022

Altair® Access™ ©2008-2022

Altair® Accelerator™ ©1995-2022

Altair® Accelerator™ Plus ©1995-2022

Altair® FlowTracer™ ©1995-2022

Altair® Allocator™ ©1995-2022

Altair Data Analytics Products

2022.2

September 12, 2022

Technical Support

Altair provides comprehensive software support via web FAQs, tutorials, training classes, telephone, and e-mail.

Altair One Customer Portal

Altair One (https://altairone.com/) is Altair's customer portal giving you access to product downloads, a Knowledge Base, and customer support. We recommend that all users create an Altair One account and use it as their primary portal for everything Altair.

When your Altair One account is set up, you can access the Altair support page via this link: www.altair.com/customer-support/

Altair Community

Participate in an online community where you can share insights, collaborate with colleagues and peers, and find more ways to take full advantage of Altair's products.

Visit the Altair Community (https://community.altair.com/community) where you can access online discussions, a knowledge base of product information, and an online form to contact Support. After you login to the Altair Community, subscribe to the forums and user groups to get up-to-date information about release updates, upcoming events, and questions asked by your fellow members.

These valuable resources help you discover, learn and grow, all while having the opportunity to network with fellow explorers like yourself.

Altair Training Classes

Altair's in-person, online, and self-paced trainings provide hands-on introduction to our products, focusing on overall functionality. Trainings are conducted at our corporate and regional offices or at your facility.

For more information visit: https://learn.altair.com/

If you are interested in training at your facility, contact your account manager for more details. If you do not know who your account manager is, contact your local support office and they will connect you with your account manager.

Telephone and E-mail

If you are unable to contact Altair support via the customer portal, you may reach out to technical support via phone or e-mail. Use the following table as a reference to locate the support office for your region.

When contacting Altair support, specify the product and version number you are using along with a detailed description of the problem. It is beneficial for the support engineer to know what type of workstation, operating system, RAM, and graphics board you have, so include that in your communication.

Location	Telephone	E-mail
Australia	+61 3 9866 5557	anzsupport@altair.com

Location	Telephone	E-mail
Brazil	+55 113 884 0414	br_support@altair.com
Canada	+1 416 447 6463	support@altairengineering.ca
China	+86 400 619 6186	support@altair.com.cn
France	+33 141 33 0992	francesupport@altair.com
Germany	+49 703 162 0822	hwsupport@altair.de
Greece	+30 231 047 3311	eesupport@altair.com
India	+91 806 629 4500 +1 800 425 0234 (toll free)	support@india.altair.com
Israel		israelsupport@altair.com
Italy	+39 800 905 595	support@altairengineering.it
Japan	+81 3 6225 5830	support@altairjp.co.jp
Malaysia	+60 32 742 7890	aseansupport@altair.com
Mexico	+52 55 5658 6808	mx-support@altair.com
New Zealand	+64 9 413 7981	anzsupport@altair.com
South Africa	+27 21 831 1500	support@altair.co.za
South Korea	+82 704 050 9200	support@altair.co.kr
Spain	+34 910 810 080	support-spain@altair.com
Sweden	+46 46 460 2828	support@altair.se
United Kingdom	+44 192 646 8600	support@uk.altair.com
United States	+1 248 614 2425	hwsupport@altair.com

If your company is being serviced by an Altair partner, you can find that information on our web site at https://www.altair.com/PartnerSearch/.

See www.altair.com for complete information on Altair, our team, and our products.

Platform Support

1

Platforms, operating systems, and processors supported by Altair Simulation 2022.2 products, which includes 2022.2 solver packages.

This chapter covers the following:

- Altair Simulation Products (p. 11)
- Platforms Added in Altair Simulation 2022.2 (p. 12)
- Platforms Dropped in Altair Simulation 2022.2 (p. 13)
- Minimum Operating System Requirements (p. 14)
- Linux System Requirements (p. 16)

Platforms			**Altair Simulation 2022.2**	
OS	**Version**	**Architecture**	**GUI Products**	**Solvers**
Windows	10	x86_64	YES	YES
Linux	RHEL / Oracle Linux 8.4 SLES 15 SP3	x86_64	YES	YES

Windows Ultra High Definition (UHD/HiDPI) support requires Windows 10 Update 1709 or higher

RHEL= Red Hat Enterprise Linux

SLES = SUSE Linux Enterprise Server

Linux

Altair Simulation products may install and run on other non-supported Linux distributions not mentioned or referred to in this documentation, but Altair does not test, certify, verify or warrant the reliability of the products on these platforms.

- Altair™ products are tested on Gnome Desktop Manager (GDM)
- Xen kernels are currently not supported kernels for Altair Simulation products
- VirtualGL and other third-party remote visualization tools are not officially supported by Altair Simulation products

Ultra High Definition (UHD)

- UHD resolution support (2160p) is only available for Windows 10 (1709 or higher).
  - Using Windows 200% scaling for 2160p is recommended.
- Our recommended HD setting is 1080p for FHD and our Ultra HD setting is 2160p.

- Java based tools within our products may still show some scaling issues under Ultra HD resolution.

Refer to the Hardware Recommendations and Certifications section for details.

Altair Simulation Products

1. Altair® HyperWorks Desktop™ Applications
2. Altair® SimLab®
3. Altair SimSolid® (Windows only)
4. Altair® Feko®
   - Altair® Feko® Applications
   - Altair® newFASANT™
   - Altair® WinProp™
5. Altair® Flux®
6. Altair® Solvers™
   - Altair® OptiStruct®
   - Altair® Radioss®
   - Altair® MotionSolve®
   - Altair® HyperXtrude®
   - Altair® Manufacturing Solver™
   - Altair® Multiscale Designer®
   - Altair® Seam®
7. Altair® CFD Solvers™
   - Altair® AcuSolve®
   - Altair® ultraFluidX® (Linux only)
   - Altair® nanoFluidX® (Linux only)
8. Altair® Virtual Wind Tunnel for ultraFluidX™
9. Altair® Activate®
10. Altair® Compose®
11. Altair® EDEM™
12. Altair® Inspire™ (Windows only)
13. Altair® Inspire Cast™ (Windows only)
14. Altair® Inspire Extrude™ (Windows only)
    - Altair® Inspire™ Extrude Metal
    - Altair® Inspire™ Extrude Polymer
    - Altair® Inspire™ Friction Stir Welding
    - Altair® Inspire™ Resin Transfer Molding
15. Altair® Inspire Form™ (Windows only)
16. Altair® Inspire™ Mold (Windows only)
17. Altair® Inspire™ PolyFoam (Windows only)
18. Altair® Inspire Render™ (Windows only)
19. Altair® Inspire Studio™ (Windows only)

Platforms Added in Altair Simulation 2022.2

1. SUSE Linux Enterprise Server 15 SP3
2. Red Hat Enterprise Linux 8.4/Oracle Linux 8.4

Platforms Dropped in Altair Simulation 2022.2

1. SUSE Linux Enterprise Server 15 SP2
2. Red Hat Enterprise Linux 8.3/CentOS 8.3

Minimum Operating System Requirements

Table 1:

System/Hardware Information	Linux		Windows	
Operating Systems	RHEL 8.4 (64-bit) Oracle Linux 8.4 (64-bit) SLES 15 SP3 (64-bit)		10 (64-bit)	
Memory	16 GB (higher recommended)		16 GB (higher recommended)	
Complete Install Disk Space ~8 GB temporary disk space required for full Altair Simulation 2022.2 installation	Applications 72 GB	Help 12 GB	Applications 110 GB	Help 12 GB
Graphics Hardware [2]	OpenGL 3D graphics accelerator compatible with OpenGL 3.3 or higher Vulkan 1.2 or higher OpenCL 2.1 required True color (24-bit) support Install/update to most recent OpenGL patches/drivers 1920x1080 screen resolution or higher for optimal user experience 4 GB or higher dedicated RAM Only AMD and NVIDIA GPUs supported (Intel chipsets are not supported)		OpenGL 3D graphics accelerator compatible with OpenGL 3.3 or higher Vulkan 1.2 or higher OpenCL 2.1 required True color (24-bit) support Install/update to most recent OpenGL patches/drivers 1920x1080 screen resolution or higher for optimal user experience 4 GB or higher dedicated RAM Only AMD and NVIDIA GPUs supported (Intel chipsets are not supported)	

1. Local help installations may require modifying the browser to allow running active content from the hard disk. For search capability, the users should have a browser supporting either ActiveX (IE on Windows) or Java Environment plugin installed on their machine.

2. Altair Simulation Graphical User Interface (GUI) products, when used with Ultra High Definition (UHD) displays consisting of 1920x1200 or higher (for example, 3200x1800, 3840x2160 or 4096x2160), may result in graphical problems. Some GUI items may not be displayed correctly, some functionality such as image captures may not capture images correctly, and window selection may become an issue. Altair Simulation 2022.2 does not officially support these high screen resolutions. We suggest setting your resolution to 1920x1200 or lower to resolve or minimize these types of issues from occurring. Our development teams are aware of these problems and are working closely with the hardware vendors to find a quick resolution.

Linux System Requirements

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