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Update 1 of 1: January 2023

Ansys Computing Platform Support: January 2023 for Intel & AMD 64-bit x86 processors

Ansys is committed to providing timely releases of high-quality software products on current computing platforms that are well-suited for engineering simulations. We monitor industry trends and customer needs to select the most effective computing platforms to certify and support, periodically eliminating support for aging platforms and adding support for new platforms. This document provides a high-level summary of our current platform support strategy and near-term plans.

See ansys.com> Customer Center> Support> More Support> Platform Support (https://www.ansys.com/it-solutions/platform-support) for the most recent version of this document.

Ansys General Platform Support Strategy

- We focus on support of Windows and Linux operating systems, running on x86 processors from Intel and AMD. These are the dominant platforms for engineering simulation today. A small number of products also support ARM 64 processors (aarch64 architecture) on select operating systems. See the ARM 64 processors support document in the Ansys Announcements section of the Platform Support webpage.

- We support Enterprise editions of Linux from Red Hat and SUSE. Enterprise Linux versions are chosen because they provide long-term operating system stability and product maintainability.

- As we increase our focus on virtual computing and pervasive engineering simulation, we aim to add platforms well-suited to these environments, including proven open-source options.

Ansys 2023 R1 Supported Platforms

2023 R1 is the latest Ansys release. The specific operating system versions supported by each Ansys product can be found at ansys.com> Customer Center> Support> More Support> Platform Support (https://www.ansys.com/it-solutions/platform-support).

Ansys 2023 R1 includes support for the following:

- Windows 10 (64-bit Professional, Enterprise and Education editions, including FIPS mode support for most products)
- Windows 11 (64-bit Professional, Enterprise and Education editions, including FIPS mode support for most products)
- Windows Server 2019 Standard Edition (64-bit)
- Windows Server 2022 Standard Edition (64-bit) excluding HPC support
- Red Hat Enterprise Linux (RHEL) 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.5, and 8.6 (64-bit)
- SUSE Enterprise Linux Server & Desktop (SLES/SLED) 12 SP5 (64-bit)
- SUSE Enterprise Linux Server & Desktop (SLES/SLED) 15 SP1, SP2, and SP3 (64-bit)
- Community Enterprise OS (CentOS) 7.8 and 7.9 (64-bit)
- Ubuntu 20.04

The following Windows 10 versions, available via the Microsoft General Availability Channel, are supported at the time of release: 22H2, 21H2, and 20H2.

The following Windows 11 versions, available via the Microsoft General Availability Channel, are supported at the time of release: 22H2 and 21H2.

Roadmap and Platforms to be dropped in 2023

- Tables 1 to 5 below summarize the platform support roadmap for Ansys products.
- 2023 R1 will be the last release to support RHEL 8.1 and 8.2
- 2023 R2 will be the last release to support RHEL 8.3
- 2023 R1 will be the last release to support SLES/SLED 15 SP 1
- Please consult the tables for all changes in operating system minor version support.

Roadmap and Platforms to be dropped in 2024

- Tables 1 to 5 below summarize the platform support roadmap for Ansys products.
- 2024 R1 will be the last release to support RHEL 7.8 and 7.9
- 2024 R1 will be the last release to support RHEL 8.4
- 2024 R1 will be the last release to support SLES/SLED 12 SP 5
- 2024 R1 will be the last release to support SLES/SLED 15 SP 2
- 2024 R1 will be the last release to support CentOS 7.8 and 7.9
- **Note that RHEL 7 and CentOS 7 are not supported beginning with release 2024 R2**

Table 1 Ansys Roadmap	**2020**	**2021**		**2022**		**2023**		**2024**		**2025**
Windows	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**
Windows 7 Professional and Enterprise editions										
Windows 7 Ansys VRXPERIENCE only	✓									
Windows 10 Professional, Enterprise & Education editions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 11					✓	✓	✓	✓	✓	✓
Windows Server 2012 Standard edition										
Windows Server 2016 Standard edition	✓	✓	✓	✓	✓					
Windows Server 2019 Standard edition	✓[1]	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2022 Standard edition						✓[1]	✓*	✓*	✓*	✓*

✓ Ansys Applications and License Manager * If feasible HPC pack will be supported

1 Microsoft HPC Pack (Scheduler and MPI) is not supported for Windows Server

Ansys Student licensing is only available on the Windows 10 and Windows 11 platform (64-bit, Professional, Enterprise and Educational editions). For more information, see ansys.com> Students and Academic (https://www.ansys.com/academic)

Table 2 Ansys Roadmap	2020	2021		2022		2023		2024		2025
Red Hat Enterprise Linux	R2	R1	R2	R1	R2	R1	R2	R1	R2	R1
RHEL 6 Semiconductor applications only	✓	✓								
RHEL 6.9 Enterprise										
RHEL 6.10 Enterprise										
RHEL 7.4 Enterprise	✓									
RHEL 7.5 Enterprise	✓									
RHEL 7.6 Enterprise	✓	✓	✓							
RHEL 7.7 Enterprise	✓	✓	✓	✓	✓					
RHEL 7.8 Enterprise		✓	✓	✓	✓	✓	✓	✓		
RHEL 7.9 Enterprise			✓	✓	✓	✓	✓	✓		
RHEL 8.1 Enterprise		✓	✓	✓	✓	✓				
RHEL 8.2 Enterprise			✓	✓	✓	✓				
RHEL 8.3 Enterprise			✓	✓	✓	✓	✓			
RHEL 8.4 Enterprise				✓	✓	✓	✓	✓		
RHEL 8.5 Enterprise					✓	✓	✓	✓	✓	
RHEL 8.6 Enterprise						✓	✓	✓	✓	✓
RHEL 8.7 Enterprise							✓*	✓*	✓*	✓*
RHEL 8.8 Enterprise								✓*	✓*	✓*
RHEL 8.9 Enterprise									✓*	✓*
RHEL 8.10 Enterprise										✓*
RHEL 9.3 Enterprise									✓*	✓*
RHEL 9.4 Enterprise										✓*

✓ Ansys Applications and License Manager * If feasible

Table 3 Ansys Roadmap										
SUSE Linux Enterprise Server	2020	2021		2022		2023		2024		2025
SUSE Linux Enterprise Desktop	R2	R1	R2	R1	R2	R1	R2	R1	R2	R1
SLES 11 SP 3/4 Semiconductor applications only	✓	✓								
SLES / SLED 12 SP 2										
SLES / SLED 12 SP 3	✓	✓								
SLES / SLED 12 SP 4	✓	✓	✓	✓	✓					
SLES / SLED 12 SP 5		✓	✓	✓	✓	✓	✓	✓		
SLES / SLED 15 SP 1	✓	✓	✓	✓	✓	✓				
SLES / SLED 15 SP 2			✓	✓	✓	✓	✓	✓		
SLES / SLED 15 SP 3					✓	✓	✓	✓	✓	✓
SLES / SLED 15 SP 4							✓*	✓*	✓*	✓*
SLES / SLED 15 SP 5									✓*	✓*

✓ Ansys Applications and License Manager * If feasible

Table 4 Ansys Roadmap	2020	2021		2022		2023		2024		2025
Linux: Community Enterprise OS	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**
CentOS 6 Semiconductor applications only	✓	✓								
CentOS 7.4	✓									
CentOS 7.5	✓									
CentOS 7.6	✓	✓	✓							
CentOS 7.7	✓	✓	✓	✓	✓					
CentOS 7.8		✓	✓	✓	✓	✓	✓	✓		
CentOS 7.9			✓	✓	✓	✓	✓	✓		
CentOS 8.1		✓	✓	✓	✓					
CentOS 8.2			✓	✓	✓					
CentOS 8.3			✓	✓	✓					

✓ Ansys Applications and License Manager * If feasible

Replacement support for CentOS announcement

Starting with release 2022 R2, ANSYS, Inc. began supporting the long-term support releases of the Ubuntu Linux operating system.

Developed largely using free and open-source software, Ubuntu is supported as an alternative following the recently announced termination of CentOS (Community Enterprise Operating System). See https://blog.centos.org/2020/12/future-is-centos-stream/

Ansys is phasing out support for CentOS. The current strategy is to support the latest versions of CentOS 7 up to and including Ansys release 2024 R1.

CentOS 8 is no longer supported as of release 2023 R1. No newer versions of CentOS 8 will be supported by Ansys.

Ansys is also evaluating Rocky Linux as an alternative replacement for CentOS in 2024. More information about this platform will be made available at a later date.

Table 5 Ansys Roadmap										
Linux:	**2020**	**2021**		**2022**		**2023**		**2024**		**2025**
Ubuntu LTS Desktop / Server	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**	**R2**	**R1**
18.04 "Bionic Beaver"										
20.04 "Focal Fossa"					✓	✓	✓	✓	✓	✓
22.04 "Jammy Jellyfish"							✓	✓	✓	✓

✓ Ansys Applications and License Manager * If feasible

The information in the above five roadmap tables represents Ansys' current view of its product support platform and availability dates. It is intended for information purpose only and subject to change at any time without prior notification. When available, updated versions of this document will be published on ansys.com.

Virtual Desktop Infrastructure

Ansys 2023 R1 supports the following Virtual Desktop Infrastructure:

- **VMware Horizon View** (Windows 10 / 11, Server 2019 / 2022, Red Hat 7 / 8, SLES 12 / 15, CentOS 7, and Ubuntu 20.02) with VMware vSphere ESXI (Hypervisor Layer)
- **Citrix XenDesktop** (Windows 10 / 11 and Server 2019 / 2022) with Citrix Hypervisor
- **NICE DCV** (Red Hat 7 / 8, SLES 12 / 15, CentOS 7, and Ubuntu 20.04) with VMware vSphere ESXI or Citrix Hypervisor GPU Pass-Through only

For more detailed support information and specific versions tested, see the *Ansys 2023 R1 – Remote Display and Virtual Desktop Support* table at ansys.com> Customer Center> Support> More Support> Platform Support (https://www.ansys.com/it-solutions/platform-support).

Compilers

To take advantage of improving compiler technologies, Ansys updates supported compilers from time to time. The following compilers are supported for user-programmable features and functions at Ansys 2023 R1:

- Visual Studio 2019 version 16.0.22 (Windows)
- GCC 8.2 (Linux)
- Intel Parallel Studio XE 2019, Update 5 (Windows), Intel Parallel Studio XE 2019, Update 3 (Linux)

Ansys Quality Assurance Services

Typically, QA Services and the associated Verification Testing Packages will be available for the same platforms as Ansys 2023 R1. Contact the ANSYS, Inc. Corporate Quality Group at ansys-qa-services@ansys.com for information about ANSYS, Inc.'s QA Services.

Feedback

For questions about this document, or if you have platforms that you would like us to consider supporting in the future, you can e-mail those requests to platform-feedback@ansys.com. Your feedback is important to us and will determine our future platform support plans.

Please do not use this address if you need technical support. Contact your technical support team directly.