



ANSYS Computing Platform Support: April 2018 *

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.

ANSYS General Platform Support Strategy

The ANSYS platform support strategy is as follows:

- We focus on support of Windows and Linux operating systems, running on x64 processors from Intel and AMD. These are the dominant platforms for engineering simulation today.
- 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 19.1 Supported Platforms

19.1 is the latest ANSYS release. The specific operating system versions supported by each ANSYS product can be found at [ansys.com> Support> Platform Support \(http://www.ansys.com/Support/Platform+Support\)](http://www.ansys.com/Support/Platform+Support).

ANSYS 19.1 includes support for the following:

- Windows 7 (64-bit Professional and Enterprise editions)
- Windows 10 (64-bit Professional, Enterprise and Education editions)
- Windows Server 2012 R2 Standard Edition (64-bit)
- Windows Server 2016 Standard Edition (64-bit)
- Red Hat Enterprise Linux (RHEL) 6.8 and 6.9 (64-bit)
- Red Hat Enterprise Linux (RHEL) 7.2, 7.3 and 7.4 (64-bit)
- SUSE Enterprise Linux Server (SLES) 11 SP3 and SP4 (64-bit)
- SUSE Enterprise Linux Server & Desktop (SLES / SLED) 12 SP1, SP2 (64-bit) and SP3 (64-bit)
- CentOS 7.3 and 7.4 (Community Enterprise OS)

The following Windows 10 servicing options are supported:

- Semi-Annual Channel and Long Term Service Channel

In addition, ANSYS 19.1 supports the following Virtual Desktop Infrastructure:

- VMWare Horizon View 7.3 (Windows 7, 10 and Server 2016) with VMWare vSphere ESXI 6.5 (Hypervisor Layer)
- Citrix XenDesktop 7.14 (Windows 7, 10 and Server 2016) with Citrix XenServer 7.1 (Hypervisor Layer)
- NICE DCV 2017 (Red Hat 6 and 7, SLES 12, CentOS 7) with VMWare vSphere ESXI 6.0 U3 or Citrix XenServer 7.1 (Hypervisor Layer) GPU Pass-Through only

Not all applications are supported on all of these platforms. Semiconductor applications also support additional versions of Linux. See detailed information, by product, at the URL noted above.

* See [ansys.com> Support> Platform Support](http://www.ansys.com/Support/Platform+Support) for the most recent version of this document.



ANSYS 19.1 Supported Platforms

Compiler Changes

To take advantage of improving compiler technologies, ANSYS updates supported compilers from time to time. Compiler support for user-programmable features and functions migrated to the following technologies at ANSYS 19.1:

- Visual Studio 2015 (Windows)
- GCC 6.3.0 (Linux)
- Intel Parallel Studio XE 2017 (Windows and Linux)

Platforms to be dropped in 2018 and 2019

- Tables 1 and 2 below summarize the platform support roadmap for ANSYS products.
- Note that ANSYS 19.2 will be the last release to support Windows Server 2012.
- Note that ANSYS 19.2 will be the last release to support SLES 11 (end of support for SLES 11 will be earlier than previously announced because of technical limitations with the platform and because mainstream support from the vendor is ending soon.)
- Note that ANSYS 19.1 will be the last release to support FLUENT on SLES 11 (end of support for SLES 11 will be earlier than previously announced because of technical limitations with the platform and because mainstream support from the vendor is ending soon.)
- Please consult the tables for all changes in operating system minor version support.

Additional Advisories

Support for GAMBIT Reader is discontinued with the release of ANSYS 20.

ANSYS Quality Assurance Services

ANSYS Quality Assurance (QA) Services customers should refer to the release Installation Guide for details on which platforms are supported. Typically, QA Services and the associated Verification Testing Packages will be available for the same platforms as ANSYS 19.1. Contact the ANSYS, Inc. Corporate Quality Group at qad@ansys.com for information about ANSYS, Inc.'s QA Services.

Feedback?

If you have any questions or concerns about platform support, please contact our technical support team. For specific questions about this document, you can also send e-mail to platform-support@ansys.com. If you have platforms that you would like us to consider supporting in the future, please e-mail those requests to platform-support@ansys.com. Your feedback is important to us and will determine our future platform support plans.

Table 1: ANSYS Roadmap – Windows

Platform (all 64-bit)	2017	2018			2019	
	18.2	19.0	19.1	19.2	20.0	20.1
Windows 7 Professional and Enterprise editions	✓	✓	✓	✓	✓	✓
Windows 8.1 Update 1 Professional and Enterprise editions	✓					
Windows 10 Professional, Enterprise & Education editions	✓	✓	✓	✓	✓	✓
Windows Server 2012 R2 Standard edition	✓	✓	✓	✓		
Windows Server 2016 Standard edition		⊙	✓	✓	✓	✓
✓ ANSYS Applications and License Manager ⊙ License server only						



Table 2: ANSYS Roadmap – Linux

Platform (all 64-bit)	2017	2018			2019	
	18.2	19.0	19.1	19.2	20.0	20.1
RHEL 6.7 Enterprise	✓					
RHEL 6.8 Enterprise	✓	✓	✓	✓		
RHEL 6.9 Enterprise	✓	✓	✓	✓	✓	✓
RHEL 6.10 Enterprise					✓*	✓
RHEL 7.1 Enterprise	✓					
RHEL 7.2 Enterprise	✓	✓	✓	✓		
RHEL 7.3 Enterprise	✓	✓	✓	✓	✓	✓
RHEL 7.4 Enterprise			✓	✓	✓	✓
RHEL 7.5* Enterprise					✓	✓
SUSE Linux Enterprise Server 11 SP3 (SLES) +	✓	✓	✓	✓++		
SUSE Linux Enterprise Server 11 SP4 (SLES) +	✓	✓	✓	✓++		
SUSE Linux Enterprise Server 12 SP0 (SLES) +	✓					
SUSE Linux Enterprise Server 12 SP1 (SLES) +	✓	✓	✓	✓		
SUSE Linux Enterprise Server 12 SP2 (SLES) +	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 12 SP3 (SLES) +			✓	✓	✓	✓
SUSE Linux Enterprise Server 12 SP4 (SLES) +					✓*	✓*
CentOS 7.2 Community Enterprise OS Current Major Version						
CentOS 7.3 Community Enterprise OS Current Major Version	✓	✓	✓	✓	✓	✓
CentOS 7.4 Community Enterprise OS Current Major Version			✓	✓	✓	✓
CentOS 7.5 Community Enterprise OS Current Major Version					✓*	✓*
✓ ANSYS Applications and License Manager * If feasible + The equivalent version of Linux Enterprise Desktop 12 (SLED) is also supported. SLED 11 support has ended and is no longer supported by SUSE. ++ Fluent will not be supported on SLES 11 at release 19.2.						

