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## ANSYS Computing Platform Support: February 2020

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](http://ansys.com)> Support> Platform ([www.ansys.com/support/platform-support](http://www.ansys.com/support/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 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 2020 R1 Supported Platforms

2019 R1 is the latest ANSYS release. The specific operating system versions supported by each ANSYS product can be found at [ansys.com](http://ansys.com)> Support> Platform ([www.ansys.com/support/platform-support](http://www.ansys.com/support/platform-support)).

ANSYS 2020 R1 includes support for the following:\*

- Windows 10 (64-bit Professional, Enterprise and Education editions)
- Windows Server 2016 Standard Edition (64-bit)
- Windows Server 2019 Standard Edition (64-bit); HPC pack not supported with this release
- Red Hat Enterprise Linux (RHEL) 7.4, 7.5, 7.6, and 7.7 (64-bit)
- SUSE Enterprise Linux Server & Desktop (SLES / SLED) 12 SP2, SP3 and SP4 (64-bit)
- CentOS 7.4, 7.5, 7.6, and 7.7 (Community Enterprise OS)

We support versions of Windows 10 from the Semi-Annual Channel and Long Term Service Channel, as are available at the time of the ANSYS release. Long Term Service Branch 1507 is not supported. Semi-Annual Channel version 1709 and earlier are not supported for ANSYS SPEOS and ANSYS VRXPERIENCE.

ANSYS Student licensing is only available on the Windows 10 platform (64-bit, Professional, Enterprise and Educational editions). For more information, see [ansys.com](http://ansys.com)> Support> Academic (<https://studentcommunity.ansys.com/>)

In addition, ANSYS 2020 R1 supports the following Virtual Desktop Infrastructure:

- VMware Horizon View 7.9 (Windows 10 and Server 2016, 2019) with VMware vSphere ESXI 6.5 U2 (Hypervisor Layer)
- Citrix XenDesktop 7 1909 (Windows 10 and Server 2016) with Citrix Hypervisor 8.0
- NICE DCV 2017.4 (Red Hat 7, SLES 12, CentOS 7) with VMware vSphere ESXI 6.5 U2 or Citrix Hypervisor 8.0 GPU Pass-Through only

\* Not all applications are supported on all platforms. See detailed information, by product, at the URL noted above. Semiconductor and Optical applications also support additional versions of Windows and Linux shown in tables 1 and 2.



## **ANSYS 2020 R1 Supported Platforms**

### **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 2020 R1:

- Visual Studio 2017 (Windows)
- GCC 6.3 (Linux)
- Intel Parallel Studio XE 2017 (Windows and Linux)

### **Platforms to be dropped in 2020 and 2021**

- Tables 1 and 2 below summarize the platform support roadmap for ANSYS products.
- 2020 R1 will be the last ANSYS release to support the SLES 12 SP2 operating system.
- 2020 R2 will be the last ANSYS release to support Red Hat 7.4, Red Hat 7.5, CentOS 7.4, and CentOS 7.5.
- 2020 R1 will be the last ANSYS release to support IBM Platform MPI (IBM support for this MPI ends in April 2020).
- Please consult the tables for all changes in operating system minor version support.

<b>Table 1: ANSYS Roadmap – Windows</b>	<b>2019</b>			<b>2020</b>		<b>2021</b>
	<b>2019 R1</b>	<b>2019 R2</b>	<b>2019 R3</b>	<b>2020 R1</b>	<b>2020 R2</b>	<b>2021 R1</b>
<b>Windows 7</b> Professional and Enterprise editions	✓	✓	✓			
<b>Windows 7</b> ANSYS VRXPERIENCE only	✓	✓	✓	✓	✓	✓
<b>Windows 10</b> Professional, Enterprise & Education editions	✓	✓	✓	✓	✓	✓
<b>Windows Server 2012</b> Standard edition ANSYS SPEOS HPC only	✓	✓	✓			
<b>Windows Server 2016</b> Standard edition	✓	✓	✓	✓	✓	✓
<b>Windows Server 2019</b> Standard edition		✓*	✓*	✓*	✓	✓
✓ ANSYS Applications and License Manager * Unrelated to ANSYS HPC Pack, Microsoft 2019 Server HPC Pack scheduler and MPI are not supported.						



Table 2: ANSYS Roadmap – Linux	2019			2020		2021
	2019 R1	2019 R2	2019 R3	2020 R1	2020 R2	2021 R1
<b>RHEL 6</b> Semiconductor applications only	✓	✓	✓	✓	✓	✓
<b>RHEL 6.9</b> Enterprise	✓	✓	✓			
<b>RHEL 6.10</b> Enterprise	✓	✓	✓			
<b>RHEL 7.3</b> Enterprise	✓	✓				
<b>RHEL 7.4</b> Enterprise	✓	✓	✓	✓	✓	
<b>RHEL 7.5</b> Enterprise	✓	✓	✓	✓	✓	
<b>RHEL 7.6</b> Enterprise		✓	✓	✓	✓	✓
<b>RHEL 7.7</b> Enterprise				✓	✓	✓
<b>RHEL 7.8</b> Enterprise						✓*
<b>RHEL 8.1</b> Enterprise						✓*
<b>SUSE Linux Enterprise Server 11 SP 3/4</b> Semiconductor applications only	✓	✓	✓	✓	✓	✓
<b>SUSE Linux Enterprise Server 12 SP2</b> (SLES) +	✓	✓	✓	✓		
<b>SUSE Linux Enterprise Server 12 SP3</b> (SLES) +	✓	✓	✓	✓	✓	✓
<b>SUSE Linux Enterprise Server 12 SP4</b> (SLES) +			✓	✓	✓	✓
<b>SUSE Linux Enterprise Server 12 SP5</b> (SLES) +						✓
<b>SUSE Linux Enterprise Server 15 SP1</b> (SLES) +					✓*	✓
<b>SUSE Linux Enterprise Server 15 SP2</b> (SLES) +						✓*
<b>CentOS 6</b> Semiconductor applications only	✓	✓	✓	✓	✓	✓
<b>CentOS 7.3</b>	✓	✓				
<b>CentOS 7.4</b>	✓	✓	✓	✓	✓	
<b>CentOS 7.5</b>	✓	✓	✓	✓	✓	
<b>CentOS 7.6</b>		✓	✓	✓	✓	✓
<b>CentOS 7.7</b>				✓	✓	✓
<b>CentOS 7.8</b>						✓*
<b>CentOS 8.1</b>						✓*
✓ ANSYS Applications and License Manager * If feasible + The equivalent version of Linux Enterprise Desktop is also supported.						

The information in the above two 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.



## **ANSYS Quality Assurance Services**

Typically, QA Services and the associated Verification Testing Packages will be available for the same platforms as ANSYS 2020 R1. Contact the ANSYS, Inc. Corporate Quality Group at [qad@ansys.com](mailto:qad@ansys.com) for information about ANSYS, Inc.'s QA Services.

### **Feedback**

For questions about this document, or if you have platforms you would like us to consider supporting in the future, you can e-mail those requests to [platform-feedback@ansys.com](mailto: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.

