Supported Operating Systems

Windows 10 (64-bit) Professional, including Dark Theme mode
Windows Server 2012 (All Service Packs)
Windows Server 2012 R2
Windows Server 2016

Note: Cadence Allegro and OrCAD products do not support Windows 10 Starter and Home Basic. In addition, Windows Server support does not include support for Windows Remote Desktop. Windows RT and Tablets/Phones, including Windows 10 Phone, are not supported.

Note: 64-bit Windows require 64-bit Flex software dongle drivers if using dongle-based licensing.

Recommended Hardware

Intel® Core™ i7 4.30 GHz or AMD Ryzen™ 7 4.30 GHz with at least 4 cores
Note: Faster processors are preferred.
16 GB RAM
50 GB free disk space (SSD drive is recommended)
1920 x 1200 display resolution with true color (at least 32bit colour)
A dedicated graphics card supporting OpenGL, minimum 2GB (with additional support for DX11 for 3D Canvas)
Dual monitors (For physical design)
Broadband Internet connection for some service
Ethernet port/card (for network communications and security hostID)
Three-button Microsoft-compatible mouse

Supported MATLAB Version

R2019A-64Bit (For the PSpice-MATLAB interface)

Microsoft SharePoint for Allegro Pulse

Cadence® Allegro® Pulse supports an interface to Microsoft SharePoint. Following are the requirements for SharePoint:

- Windows Server 2012 (64-bit)
- SharePoint Foundation 2013
- Microsoft SQL Server 2012 (64-bit)
- Following 64-bit browsers:
- Microsoft® Internet Explorer® 11.0 on windows
- Mozilla Firefox 52.0 ESR on Windows
- Mozilla Firefox 52.0 on Linux
- Google Chrome 58.0 on Windows

Using Spaces in File and Directory Names

Support for spaces in file and directory names applies only to Windows. Leading and trailing spaces in directory components are not supported. Spaces in directory names are supported in the following areas:

- Program installation location (C:\Program Files)
- Default user home directory (C:\Document and Settings\<user>). If you set the HOME environment variable, you override the default.
- Default temporary directory (C:\Document and Settings\<user>). If you set the TEMP or TMP environment variable, you override the default.
- Your desktop directory (C:\Document and Settings\<user>\Desktop)
- Project location
- Library locations

Spaces in filenames are not supported when a filename is stored in the design. For example, symbols and padstack names are stored in the Allegro database where a space is not legal. Ancillary space support is based upon each installed application. Allegro® PCB Editor supports spaces in filenames for non-design files, that is, reports and text files.