System Requirements

The requirements to run GibbsCAM do not have specific values. The requirements vary depending upon the operating system you use and the complexity of your part. We have a list of basic guidelines, seen below, that are common to all users. We also offer minimum supported requirements based upon your operating system, and we describe a recommended system.

Operating System:
Windows 7 (SP 1 or higher), Windows 8.1, or Windows 10; or Windows Server (2008 R2 • 2012 • 2016 • 2019). A 64-bit OS platform is required. Please install the latest available OS service packs and patches through Windows Update.

Microsoft .NET Framework
This release requires Microsoft .NET Framework: 4.6.2 or higher. Most machines will already have this (for example, if Office is installed), but if it is lacking, then the GibbsCAM installer will tell you what is needed.

Hardware
Minimum system requirements depend on the operating system. There are also recommended hardware requirements. Please remember that the more complex a part, the higher your system requirements.
- At least 8 GB of free disk space is required to install the software.
- A flash drive is required to read the GibbsCAM product media. However, you can also download installers and other files from the GibbsCAM website.

Video Drivers
Please install the latest available driver for your video card. The standard Windows drivers are typically not adequate, because of the GibbsCAM application's advanced use of OpenGL and video RAM. We strongly recommend that you keep your system up-to-date with fully installed and updated drivers.

Network Licensing
The Network Licensing Option (NLO) can be set up on 64-bit versions of any of the following platforms: Windows Server (2008 • 2008 R2 • 2012 • 2016 • 2019); Windows Vista (SP1 or SP2); Windows 7, 8, or 10.

Minimum Requirements

The requirements for running GibbsCAM on these systems — 64-bit Windows 7 (SP 1) / 8.1 / 10 or 64-bit Windows Server 2008 R2 / 2012 / 2016 / 2019 — are as follows.

CPU
Intel Core 2 or newer. This includes Core i3 / i5 / i7 / i9, Xeon, Pentium dual-core, and Celeron (1.7 GHz or faster)
AMD desktop Family 17h. This includes Ryzen and Threadripper.

RAM
4+ GB of total RAM.

Video Card
A quality 3D accelerated video card with 1+ GB of video memory.

Recommended System

A computer that matches or exceeds the following requirements will run GibbsCAM very comfortably. Please note that the larger or more complex your parts are, the more GibbsCAM will demand from your system.

Operating System
Windows 10

CPU
Intel: Core i9, i7, or i5 with four or more cores.
AMD: Ryzen or Threadripper

RAM
16 GB RAM

Video Card
An NVIDIA video card with 2+ GB of video memory.