GibbsCAM 2023 System Requirements

Requirements May Vary Depending on Programming Complexity:

GibbsCAM system requirements do not have a definite value. Your requirements will vary depending on the complexity of the part you are working with. For example, basic mill or lathe programming using wireframe geometry will require less processing power than applying advanced tool paths on complicated solid models. Cut part rendering is another factor where simulating a part and tools will take less than showing the entire machine model.

Monitor:

GibbsCAM supports all monitors capable of running at a resolution of 800x600 minimum, but 1920x1080 or higher is recommended for optimal visibility while programming. The GibbsCAM window is dynamically resizable from approximately 625x515 (not recommended during programming) to the highest resolution your monitor will support. Please be aware that with monitors running higher resolutions you may need more RAM to support solids and cut part rendering, as well as a better video card. The system also supports multiple monitor setups.
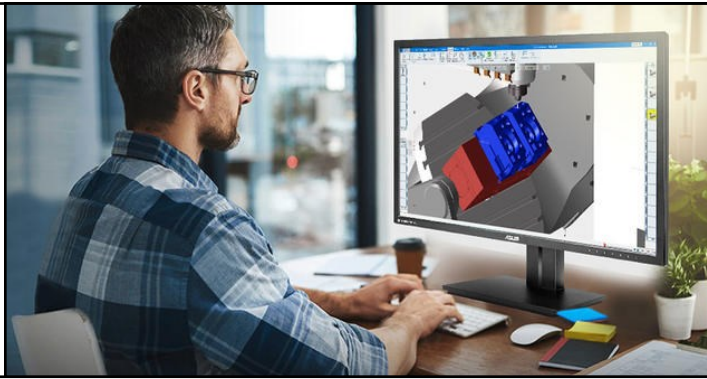
Multiple Video Cards:

Some computers come with multiple video cards which can cause stability problems. The most common reason is when the motherboard has its own integrated on-board video in addition to the more powerful off-board video card. It is important that you are able to disable the on-board video. Using SLI mode can also cause poor performance and is not recommended.

Peripheral Devices:

Other devices, like the 3DConnexion Space Navigator, are compatible with GibbsCAM. Its ergonomic design and quick access buttons make it a great addition to regular peripheral devices. The Space Navigator, and other models, are available from CAM Solutions. You will also need enough USB ports for everything, including the GibbsCAM hardware key if applicable.

Minimum System Requirements

Operating System:

Windows 10 (with all available updates)

CPU:

Intel Core i5 (only 64-bit processors are supported)

Video Card:

NVIDIA graphics card with 1GB of video memory (with the latest drivers installed)

RAM:

4GB

Hard Drive:

128GB (8GB for the program itself, plus room for Windows and file storage)

Recommended System Requirements

Operating System:

Windows 10 or 11 (with all available updates)

CPU:

Intel Core i7 or i9 (only 64-bit processors are supported)

Video Card:

NVIDIA graphics card with 4GB+ of video memory (with the latest drivers installed)

RAM:

16GB+

Hard Drive:

1TB (8GB for the program itself, plus room for Windows and file storage)