Hardware / operating system recommendation for Cimatron as of January 2025

General:

As all Cimatron software products are protected by a license file + a USB dongle, the hardware used to manage the license(s) must have a USB port.
The required hardware equipment naturally depends on the task and data complexity and your own performance requirements.
The following information is therefore only a rough guide and should ultimately be tailored to your needs.
For complex CAM processing, it is important to ensure that the CPU has as many cores as possible.

Cimatron seat:

Software:

- Windows Server 2019, 2016, 2012 R2
- Windows 10, Professional/Ultimate Edition
- Windows 11, Professional/Ultimate Edition
  - Cimatron 16 and higher: Officially supported
  - Cimatron 15: Unofficially supported

Hardware - Standard:

- High-quality CPU, e.g. Intel i9
- 64 GB RAM
- RTX cards from NVIDIA and FireGL/FirePro cards from ATI with 4 GB and more dedicated graphics memory, OpenGL 3.3 or higher
- 3 Button mouse

Hardware - High quality:

- Intel i9 or higher with 10 cores or more
- 128 GB RAM
- RTX cards from NVIDIA and FireGL/FirePro cards from ATI with 8 GB and more dedicated graphics memory, OpenGL 3.3 or higher
- 3 Button mouse

Super-Box computer:

This hardware is optionally used to outsource the toolpath calculation in the CAM application and should have above-average computing power and memory.
The use of a XEON CPU is advisable for protracted utilization.
There are no higher requirements for this computer regarding the graphics card.

Software:

- Windows Server 2019, 2016, 2012 R2
- Windows 10, Professional/Ultimate Edition
- Windows 11, Professional/Ultimate Edition
    - Cimatron 16 and higher: Officially supported
    - Cimatron 15: Unofficially supported

Hardware - Standard:

- Intel i9 or higher with 10 cores or more
- 128 GB RAM

Hardware - High quality:

- Intel i9 with 16 cores or more or Xeon-CPU
- 128 GB or more RAM

Floating-Server:

This hardware manages the floated licenses.
We recommend that this is a separate computer, i.e. not a Cimatron seat or a Super-Box computer.
As far as Cimatron license management is concerned, this computer does not need any higher requirements in terms of computing power and graphics card.
It may also be a computer that also manages licenses for other software products.

Software:

- Windows 10.0 Professional
- Windows Server 2019, 2016 or 2012 R2

For more information, please contact our technical support team:

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