How to install, use Cinebench to manually measure system performance

Here is how you can view your own computer benchmark.

Cinebench is a free and simple software from Maxon, which helps anyone evaluate their system performance easily.The evaluation results use Cinebench's scoring system.The article explains how to run some basic and advanced assessment tests.

This is also a good way to evaluate computer hardware to see if the actual operation is the same as the advertising manufacturer.Anyone who likes to use the command line interface will be happy to know that Cinebench has this interface.The tutorial will guide you to the GUI for general users and the CLI interface.

Install and run Cinebench

Go to Cinebench's website and download the Cinebench software for your operating system.If using Windows, Cinebench will be compressed in ZIP format so remember to use decompression software.With macOS, Cinebench is in DMG, when downloading is complete, double click on the file.

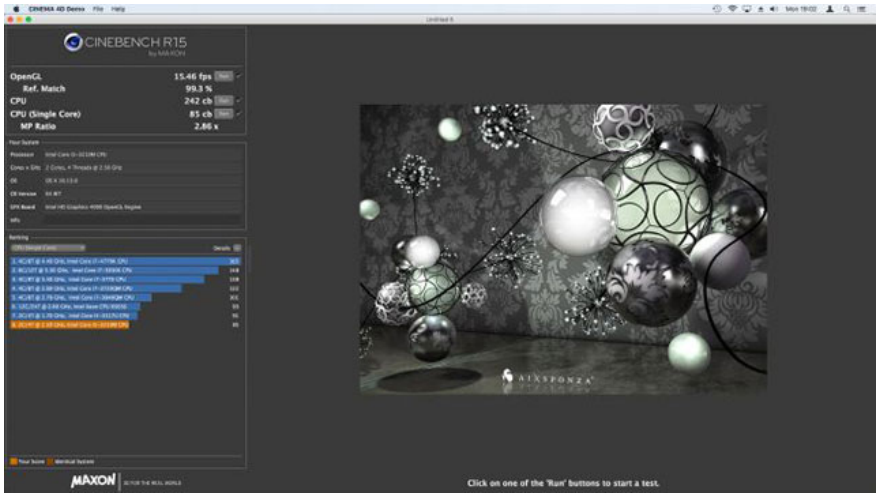
Check OpenGL

When opening Cinebench, users can perform multiple computer tests.For example, to see how OpenGL works on the machine, select the Run button at the top left.Cinebench will display a racing video and rate the video display by FPS value.You also see comparisons with similar machines in the Ranking section.

Note that the results may be affected so you are opening other software.So before checking, make sure to turn off all running software.

To see more detailed information, select Details on the left.Here you will see information such as OpenGL version or current CPU parameters.To run the microprocessor test, select Run at the CPU section.Cinebench will evaluate the machine's ability to display high quality 3D images.

Cinebench uses its own scoring system measured in cb units.After running the test, the software also compares your CPU with other machines.



Cinebench computer performance testing software interface

Advanced tests

After running basic tests for CPU and GPU, select File> Advanced Benchmark to see more detailed information.

The Reference Match value in percentage indicates the accuracy of the rendered 3D image on the screen.That's because many graphics card drivers are optimized and make the pixel render wrong.The eyes are often invisible but Cinebench will measure and evaluate accurately.

The Run button next to the CPU (Single Core) will show detailed information about CPU performance.It measures the speed calculated in cb of each processor core.Cinebench also displays the MP ratio - the ratio between single core and multi-core.

Submit benchmark results

Cinebench stores the results of many users' computer performance evaluations, which are useful to help you see where your computer stands compared to other computers.To submit the results, go to Submit Benchmarks and fill in the scores for the tests.

In the Screenshot section, select Choose File to upload photos of the computer benchmark results.Fill in the information in the My Workspace section, if not in the list, select Other from the Model menu and fill in more.

Benchmark command line interface

If you have some knowledge, you will want to use Cinebench over the command line interface because it takes less computer resources.Can run a lot of tests and save the results easily.

Open this interface and open the Cinebench with the following commands:

`-cb_gpux` to run multi-core tests

`-cb_cpu1` to run tests on a core

`-cb_opengl` to test OpenGL

`-cb_all` to run all tests.

Define the log file to save the result **C: UsersNatetest1.log**

Cinebench website*https://www.maxon.net/en/products/cinebench/*

Website sent computer benchmark results *https://us.rebusfarm.net/en/lets-go/submit-benchmark*

See more:

1. How to check computer performance with Prime95
2. Check computer performance with PCMark
3. Ways to check computer performance

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