

# Notes on buying a new machine

Recommended:

- Ryzen 7 / i7 (16 Threads+)
- 32GB RAM
- GTX 1070

Interesting discussion:

[https://www.reddit.com/r/photogrammetry/comments/lcywo8/computer\\_build\\_for\\_rendering\\_of/](https://www.reddit.com/r/photogrammetry/comments/lcywo8/computer_build_for_rendering_of/)

- Limited improvement with more cores, but multitasking
- fast storage + storage for old projects
- 128GB enough for 5k images
- RTX3070

Meshroom can multi-thread on some nodes but not on all. So more cores != faster!

<https://github.com/alicevision/meshroom/issues/175>

Multiple GPUs can be used if they are older to make Meshroom run faster. Although on newer GPUs there isn't much of a difference. <https://github.com/alicevision/meshroom/issues/644>

From:  
<https://student-wiki.eolab.de/> - **HSRW EOLab Students Wiki**

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Last update: **2023/01/05 14:38**

