

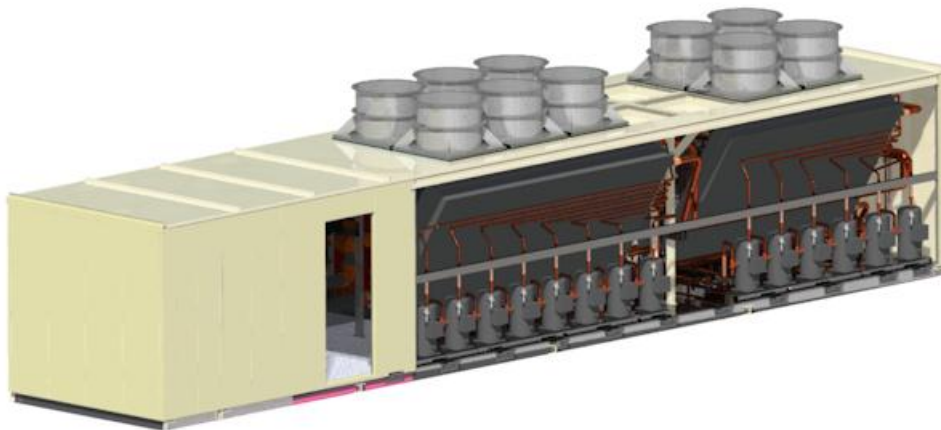
Hardware Benchmarks and more for working with large assemblies in Inventor

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Applies to: Autodesk Inventor

Challenge

In Autodesk Inventor I have very large assemblies that are well over 1,000 parts. I am starting to experience performance issues and the standard recommended settings just aren't enough. I would like to optimize my hardware performance but I'm not sure where to start or what will make a difference. Will installing more RAM help? What sort of procedures should I do to keep my system clean? I've looked everywhere and I can't find more specific data for large assemblies and hardware recommendations or benchmarks.



Solution

There is no exact number that defines a “large” assembly. However, generally speaking if you have more than 1,000 unique parts an assembly then you might start feeling a hit on your computer performance. Although there isn't a list of benchmarks, there are some best practices and Hardware optimization suggestions such as 16 GB of RAM being a minimum requirement, info on dual processors, info on motherboards, and many more subjects that pertain to performance etc...

The following is a link to the Inventor Wiki site that explains recommended hardware specs specifically for large assemblies: http://wikiphelp.autodesk.com/Inventor/enu/2012/Help/0073-Autodesk73/0460-Assembli460/Work_with_Large_Assemblies

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