

# Architectural design with sketchup enhanced edition component based modeling

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**Can SketchUp be used for architecture?** Do other professionals use SketchUp? Definitely! As well as the architects, interior designers and industrial designers mentioned above, SketchUp is used by landscape designers, video game designers and many more.

**What is the difference between Revit Architecture and SketchUp?** Which software is better for architectural design, Revit or SketchUp? It depends on the scale and complexity of the project. For larger-scale projects that require Building Information Modeling capabilities, Revit is the better choice. Smaller-scale projects gain from SketchUp's emphasis on creativity and flexibility.

**What programming language does SketchUp use?** What is the SketchUp Ruby API. SketchUp is software that you can use to create 3D models of anything you like. Ruby is a super-powerful plain text programming language and an API an Application Programming Interface (API).

**What is the best software for architectural design?**

**Is SketchUp a BIM or CAD?** Revit belongs to the family of BIM software. Sketchup, however, is a CAD software.

**Do architects use AutoCAD or SketchUp?** Both AutoCAD and SketchUp are used for two-dimensional and three-dimensional drawing. Engineers and architects use

both products.

### **Can SketchUp be used professionally?**

**Which computer is best for SketchUp?** The best computer for using SketchUp is typically one with a powerful processor, plenty of RAM (>16GB), and a dedicated graphics card. Some recommended specifications include an Intel i7 or AMD Ryzen 7 processor, 16GB of RAM, and an NVIDIA or AMD graphics card with at least 4GB of VRAM.

**Is SketchUp CPU or GPU based?** A modern GPU with at least 1GB of memory. SketchUp's classic renderer requires OpenGL 3.1 support. SketchUp's performance relies on your graphics card driver and its ability to support OpenGL 3.1 or higher.

**Is SketchUp owned by Google?** Trimble Navigation (now Trimble Inc.) acquired SketchUp from Google on June 1, 2012.

**How many architecture firms use SketchUp?** Top Industries that use SketchUp Looking at SketchUp customers by industry, we find that Architecture & Planning (19%), Higher Education (10%), Design (9%) and Construction (6%) are the largest segments.

**What is the easiest architecture software to use for free?** SketchUp, FreeCAD, Sweet Home 3D, and Blender are just a few of the many options available. Whether you are a beginner or an experienced designer, there is a free version of architectural design software available that can meet your needs.

### **What is the most used CAD software in architecture?**

**Do architects use AutoCAD or SketchUp?** Both AutoCAD and SketchUp are used for two-dimensional and three-dimensional drawing. Engineers and architects use both products.

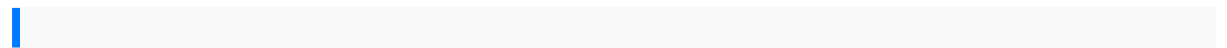
### **Can SketchUp be used professionally?**

**Is SketchUp good for house plans?** You can draw floor plans with Sketchup, but it'll feel awkward since it is 3D modeling, not 2D drawing software. You can also use the Layout part of Sketchup Pro but it can get complicated since you need to create

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MODELING

the 3D model first.

**Can SketchUp do construction drawings?** It's ridiculously easy. First you create 'scenes' in Sketchup Pro. These Scenes provide orthographic views of the front, leftside, rightside, topdown – and so on – of the object you're designing. Then you simply import the Scenes you created in Sketchup Pro into Sketchup layout.



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MODELING

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