CPU Powered
KeyShot doesn't require any special hardware or graphics card. KeyShot takes full advantage of all cores and threads inside a computer. As your computer gets more powerful KeyShot becomes faster. The performance scales linearly with the number of cores and threads in your system.

Flexible
Many popular CAD formats are supported, making KeyShot the universal rendering tool for CAD models. When importing 3D CAD data, model hierarchy is maintained along with part and assembly names. Changes made to your model can import back into KeyShot without having to reassign lighting or materials. In addition, KeyShot provides plugins for many 3D CAD packages available.

Limitless
KeyShot can handle extremely large data sets. There are no restrictions on the size of the data set as long as the computer has enough memory available. KeyShot is highly optimized which makes it possible to work with models with tens of millions of polygons even on a laptop.

Technical Specifications
- **Architecture**
  - CPU-based render engine
  - Parallel architecture with full support for multi-core and hyper-threaded systems
- **Realtime ray tracing features**
  - Progressive global illumination
  - Multi-core photon mapping
  - Adaptive material sampling
  - Dynamic lighting core
  - Pro: NURBS ray tracing
- **Scientifically accurate materials**
  - True physics-based materials with interactive adjustable properties including color, roughness, IOR, dispersion
  - Dupont® paints
  - Mold-Tech® plastics
- **Texturing and labels**
  - Dynamic texture mapping and control
  - Image-based bump mapping with interactive height control
  - Unlimited labels
- **Lighting**
  - Image-based HDRI lighting
  - Brightness/Contrast control
  - HDRI rotation and height control
  - Physical lights including support for IES lights
  - Pro: Realtime HDRI editing
  - Pro: Sun and Sky lighting
- **Animation (Add-on)**
  - Interactive setup, edit and playback of part and camera animations based on offset transforms
- **KeyShot Cloud**
  - Access to KeyShot's Online library where users can download new resources, and share their own custom assets.

KeyShotVR
- Plugin-free HTML5 content creation for interactive viewing of high quality images in a web browser

Offline rendering features
- 4.1 megapixel output
- Alpha channel output
- Adaptive material sampling
  - Pro: Unlimited render resolution
  - Pro: Turntable animation
  - Pro: Region render
  - Pro: Render queue
  - Pro: Simultaneous offline and realtime rendering
  - Pro: Render Layers

Supported 3D formats
- Alias*, AutoCAD, CATIA, Creo (Pro/Engineer), Inventor, NX, Maya*, Parasolid, Rhino, Sketchup, Solid Edge, SolidWorks, Collada, IGES, JT, OIB, STEP, FBX including part/camera animation, 3DS, STL, Alembic, 3DXML
  - Pro: Output for 3D printing (STL, ZPR)

Plugins (PC only)
- Creo, Pro/ENGINEER, Rhino, SolidWorks, SketchUp, 3DS MAX, GrabCAD
- Third Party: Solid Edge, Geomagic Design, SpaceClaim, IronCAD, SolidThinking, Delcam

What's included
- 500+ predefined materials, 50+ lighting environments, quick start guide, hotkey list, manual

Supports 3D formats
- Alias*, AutoCAD, CATIA, Creo (Pro/Engineer), Inventor, NX, Maya*, Parasolid, Rhino, Sketchup, Solid Edge, SolidWorks, Collada, IGES, JT, OIB, STEP, FBX including part/camera animation, 3DS, STL, Alembic, 3DXML

System Requirements
- Windows 7, 8 32/64 bit
- Mac OS X 10.6 or later
- Intel or AMD processor
- 2GB of RAM or greater
- 500 MB hard drive or more
- Any graphics card

For more information, visit www.keyshot.com
Luxion, Inc., 18201 Von Karman, Suite 1180, Irvine, CA 92612 (P) +1 949-274-8871

Model by Shaun Redsar

*must be installed
What is it?
KeyShot is the first 3D rendering and animation application that brings down the complexity of creating amazing photographic images from 3D data.

Easy
You don’t have to be a rendering expert to create stunning images of your 3D models. Import your data into KeyShot, drag and drop materials, adjust the lighting, and move the camera. KeyShot’s simplified user interface makes rendering smooth and effortless.

Fast
KeyShot’s unique rendering technology makes it possible to see all changes instantly. Materials, lighting, and cameras update live in realtime, making it possible to visualize your results before ever pressing the render button.

Accurate
With scientifically precise materials and real-world lighting, KeyShot is the most accurate rendering solution for your 3D data. Partnerships with Axalta® (DuPont), Mold-Tech® Pantone®, and RAL® allow you to simulate colors and materials direct from the source.

Who Uses It?
Photo-realistic rendering takes place in realtime. Any changes made to materials, lighting, or cameras are displayed immediately. This allows designers and engineers to spend more time being creative and less time wrestling with technical issues and render times.

Animation
KeyShot animation is a game changer in that it does not rely on the traditional use of keyframes. Individual movements are applied to parts and cameras which minimizes the complexity, while maximizing flexibility. All setup, edits, and playback occur in a realtime raytraced environment.

KeyShot Cloud
Sign up for free access to KeyShot’s large online library- populated with resources created by KeyShot users for KeyShot users. Opening the Cloud within KeyShot enables easy drag-and-drop downloading into your local Library with quick search features to find the perfect resources for your scene in seconds.

KeyShotVR®
KeyShotVR® brings the advantage of interactive 3D web viewing via desktop, laptop or mobile device to product portfolios and presentations. KeyShotVR® automatically generates an HTML5 code to be embedded into any website or company intranet, making it a turnkey solution for web content creation without the need of any additional plugins.