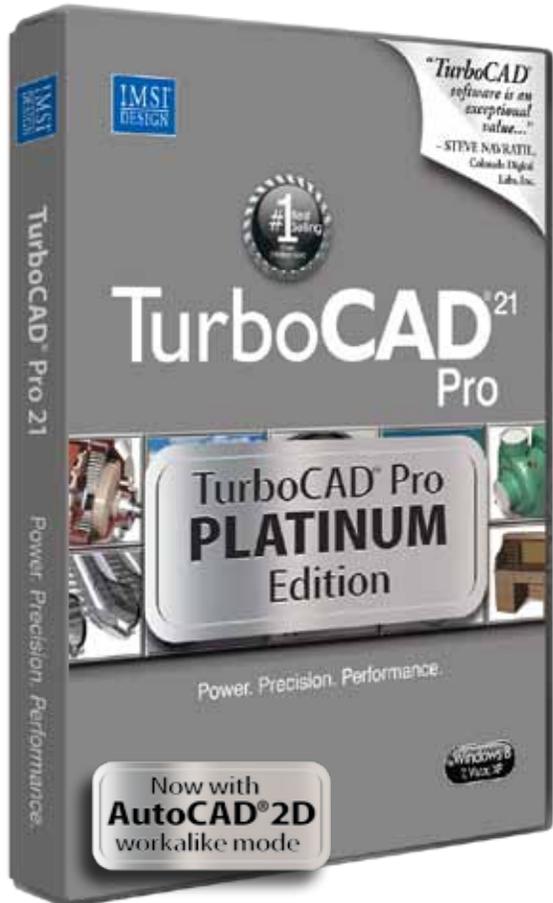


TurboCAD



Premium, Professional CAD



TurboCAD Pro Platinum

is a premium, professional computer-aided design package. It includes all the speed and technology of TurboCAD Pro for 2D/3D drafting, detailing, modeling, rendering, and extensive file sharing. TurboCAD Pro Platinum also provides advanced tools for mechanical design, simple BIM and suite of architectural tools that are AutoCAD® Architecture compatible, and much more for greater control and flexibility.

- **Advanced Architectural Tools** like parametric architectural objects.
- **Advanced Mechanical Tools** including more powerful 3D modeling.
- **More Powerful Part Tree** acts like a selective Undo/Redo
- **Advanced Constraint Tools** including midpoint and pattern constraints.
- **Associative Arrays / Pattern Tools** to apply and control parametrically
- **UV Mapping** to create more realistic renders
- **Outstanding File Compatibility** including new IFC export for BIM.

KEY FEATURES:

Advanced Architectural Design & Simple BIM - TurboCAD Pro Platinum speeds design with an extensive collection of parametric object types and shapes for walls and compound walls, doors, windows, stairs, railings, roofs, and slabs. Use the style manager to create and manage how objects are defined, look and behave, or choose from the many pre-configured styles. Accurately manage data with dynamic window and door schedules and use the sections/elevation tool to examine custom cross sections of architectural designs. TurboCAD Pro Platinum also lets you create custom properties to objects, property sets, and entry marks to display the data next to specific objects in a drawing. New version 21 now allows users to extract that custom data as well as geometry from walls, doors, windows, slabs, and roofs, and export to IFC format, the industry standard for BIM information.

Advanced Mechanical Design Tools - TurboCAD Pro Platinum offers advanced tools for 3D solid and surface modeling. The thread tool, twisted extrude, extrude to face, imprint tool, parametric holes, imprint and more enable the easy creation of your more complicated professional designs. A new ACIS® R24 3D solid modeling engine in TurboCAD Pro Platinum 21 offers better modeling, improvements to ACIS file filters, and enhancements to several features based on this engine.

Advanced Modification Tools - TurboCAD Pro Platinum includes a number of tools that enhance 3D modification for facet editing, lofting, bending and unbending of objects. These tools become even more powerful when combined with the Advanced Part Tree.

Advanced Part Tree - TurboCAD Pro Platinum greatly expands on the Part Tree technology in TurboCAD Pro. Often referred to as history-based editing, the Part Tree can be used as a selective UNDO/REDO tool. And unlike with TurboCAD Pro basic, each of the design and modification tools, and most of the 3D primitives, may be driven by this Advanced Part Tree.

Smooth Surface Mesh 3D Modeling Tools - TurboCAD Pro Platinum allows you to use existing 3D modeling tools to create a smooth surface mesh (smesh). Users can control the resolution, smoothness and more. This form of 3D object creation allows for easier and more rapid creation of organic shapes.

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...continued KEY FEATURES:

Associative Arrays / Pattern Tools - TurboCAD Pro Platinum patterns are arrays of objects copied in specific arrangements and controlled parametrically. Create patterns from a variety of entities and apply to spheres and cylinders, radial patterns, 3D arrays, along a curve, and on polyline for shapes that couldn't easily be drawn.

Platinum Parametric Constraints - TurboCAD Pro constraints are enhanced in the TurboCAD Pro Platinum with two additional constraints. The first is a Midpoint Constraint, and the second is the ability to create pattern constraints.

UV Mapping - Create more realistic and varied materials for rendering. Use UV mapping to project a 2D image onto a 3D object where "U" and "V" are the names of the axes of plane. It's a powerful tool perfect for use in photorealistic rendering.

Plus All TurboCAD Pro Features & Tools - TurboCAD Pro Platinum is our most comprehensive CAD product for 2D and 3D design, documentation, detailing, and modeling. In addition to the tools above for greater control and flexibility, it includes all the tools found in TurboCAD Pro. Visit the TurboCAD Pro 21 product page and click on the key features tab to learn more about these powerful features:

- **Powerful Drafting Palette ACIS 3D Modeling Engine**
- **Parametric Parts Manager**
- **Photorealistic Lighting & Materials**
- **Rendering & Visualization**
- **Annotation Tools**
- **Symbol Library**
- **Programming**
- **Extensive File Interoperability**
- **Plug-ins, Symbols, and more!**

SYSTEM REQUIREMENTS:

TurboCAD Pro is delivered in a 64-bit version to take full advantage of your hardware's available computer memory to load, process, and render CAD files. A 32-bit version is also available if required by your hardware.

64-bit System Requirements - Microsoft Windows® 8* 64-bit, Windows 7 (64-bit), Vista (64-bit) - 2 GB RAM.

32-bit System Requirements - Microsoft Windows® 8*, Windows 7, Windows Vista**, Windows XP** - 1 GB RAM.

*TurboCAD 21 is designed for desktops or laptops that meet the indicated system requirements. Windows RT technology for use on tablets is not supported.

** 32-bit version of TurboCAD 20 Pro will run on XP and Vista platforms; however, these platforms are no longer being officially supported.

Recommended:

Your experience with TurboCAD 21 Pro will be greatly enhanced with a newer generation, higher speed CPU, 4+ GB RAM, and larger display resolution and graphics support.

The optional GPU-accelerated Redsdk render modes require a supported graphic processing unit (either a chip on the board, or on a video card). The latest video drivers are typically required.

Newer boards with more power and VRAM generally provide greater performance.



learn more at: TURBOCAD.COM



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