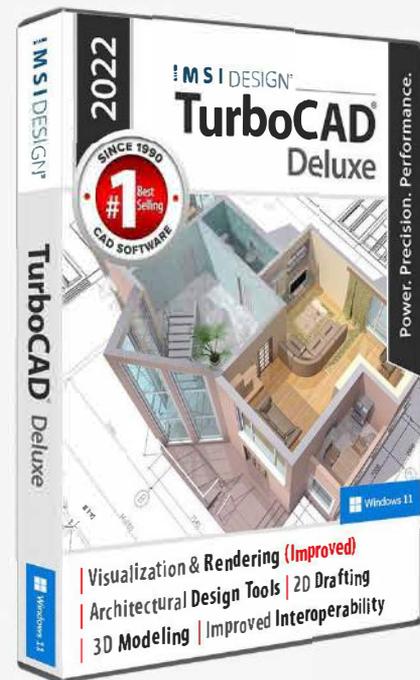


TurboCAD® Deluxe 2022

Powerful 2D/3D CAD Software



TurboCAD® Deluxe 2022

TurboCAD Deluxe is the essential 2D Drafting and 3D Modeling solution for individuals, small businesses, students and educators. This software continues to be the best solution on the market for new 2D/3D CAD users with its incredible collection of 2D drafting, 3D surface modeling, photorealistic rendering, and support for popular 3D printing and CAD file formats. It includes a customizable Ribbon Interface with 4K monitor support to optimize productivity and readability on higher resolution displays.

Excellent File Sharing

With AutoCAD® DWG, .DXF and DWF, .FBX, SketchUp .SKP, .TAP files.

Architectural Design Tools

Including an Improved House Builder Wizard.

3D Printing Features

With read/write of .STL files, surface simplification controls and a 3D print button for 3D Systems printers.

Architectural & GIS Tools

An integrated suite of architectural tools are included, such a parametric architectural objects that are AutoCAD® Architecture (ACA) compatible so that .DWG models with ACA extensions may be read, modified, and documented as needed. Read more about TurboCAD Architectural Tools.

Key Features

Powerful Design, and Modeling Tools -

TurboCAD employs a large selection of line, arc, curve, spline tools, and other expected tools, so that no matter the situation you've got access to the right tool for the job. When used with TurboCAD snaps, modification tools, and drawing aids you will be able to quickly draft and document your designs.

3D Surface Modeling -

TurboCAD includes a complete set of 3D surface modeling and editing tools making it ideal for both single part and small assembly mechanical designs. Additional 3D features include tools for Extrudes, Sweeps and 3D Print Repair.

Design Director Palette - Provides advanced controls for Layers, Layer Filters, creating Layer Sets, setting and saving Work Planes, controlling Named Views, and more to streamline work and enhance productivity. Read more about the Design Director Palette.

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086 100 1277

New Features and Enhancements!

TurboLux™

TurboLux is a state-of-the-art rendering technology which exploits Physically Based Rendering (PBR) techniques. PBR models light and materials based on the laws of physics, accurately simulating the flow of light, resulting in eye-popping images of photographic quality. Support for PBR-compatible Materials for TurboCAD is included in the 2022 release, with over 800, fully-editable TurboLux materials in TurboCAD Materials Palette.



Roof and Slab Tools (Improved)

A new Overhang feature has been added to the Roof tools that allows you to control the overhang distance on all sides of the roof. Slab edge styles have been added to the Style Manager, allowing you to specify edge style and angle.



Visualize (New & Improved)

A new, Dynamic Cut Plane has been implemented for Visualize Render in the Draft render mode. Three pre-defined cut planes (XY, YZ, XZ) have been added to the Drawing Setup and Dynamic Cut Plane options. Ability to hatch section contours has also been added to the Dynamic Cut Plane Drawing Setup options. Additionally, a new set of extended parameters have been added to Draft Rendering page of Camera Properties. Available for 3 visual style modes i.e., X-Ray, Conceptual, Shades of Gray.

User Reviews

We have used TurboCAD for over a decade in combination with TurboCAD CAM and TurboCAD Animation Lab plug-ins, in order to make presentations of product concepts, mechanically develop prototypes and feed our CNC machines to produce prototypes. We are now certain to stay with TurboCAD for the near future, because its versatile capabilities fills our needs perfectly.

— **Ralph K.**

The program has become an extension of my creative mind. As a long time engineer, used to using 2D and "projections", this has become my standard. Once one gets past the learning curve and the quirks of this software, (all software has issues) this program has everything I need and more than I need.

— **James A.**

System Requirements

64-bit: Desktop or laptop PC; Microsoft Windows 11, 10, 8, or 7 (64-bit), 8 GB RAM; 1 GHZ 64-bit (x64) CPU processor

32-bit: Desktop or laptop PC; Microsoft Windows 11, 10, 8, or 7; 4GB RAM; 1 GHZ 32-bit (x86) CPU processor

GPU Support: The TurboLux™ Rendering engine now supplied with TurboCAD 2022, supports NVIDIA GPUs only. NVIDIA GPU must be running a CUDA v10 or later driver. If you are using an NVIDIA GPU, please make sure to check and update if necessary, the CUDA driver. Note: TurboLux does not support either Intel or AMD GPUs.

Recommended: 16 GB RAM or higher; faster CPU; For users purchasing the optional RedSDK rendering plug-in, a supported graphic processing unit (GPU).

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