



TurboCAD® 2019 PLATINUM

Premium, Profesional 2D/3D CAD
Software

\$1499.99

TurboCAD® 2019 Platinum is IMSI Design's top-of-the-line, professional 2D/3D CAD application. Access a powerful drafting palette, ACIS® solid modeling, premium photorealistic rendering, advanced architectural and mechanical toolsets, a complete set of 2D and 3D modification features, and extensive file support.

Affordable, Professional 2D/3D CAD Software — TurboCAD 2019 Platinum is a brilliant collection of professional 2D/3D CAD tools to design, modify, present, and document in an integrated fashion. An optional, AutoCAD® like 2D drafting interface with command line and dynamic input cursor helps professionals already familiar with AutoCAD® easily get up to speed. Advanced technology, including a powerful Drafting Palette, 2D Geometric and Dimensional Constraints, and ACIS® solid modeling engine enhance design productivity. Advanced architectural and mechanical design tools add even greater flexibility and control, while superior rendering controls produce powerful presentations. Plus, TurboCAD Platinum is programmable and supports multiple CAD and Graphic file formats including: FBX, DWG, 3MF, DXF, SKP, 3D PDF, IGES, STEP, and STL.

Surface and Solid Modeling Tools — Like 2D/3D Booleans, Surface Mesh, extrude, revolve, sweeps & more.

Dozens of Productivity Tools — Such as PDF underlay and ePack with New Intelligent File Send.

Professional Part Tree — That can act like a selective Undo/Redo for all your 2D/3D operations.

KEY FEATURES

Powerful UI & Performance - If you're new to TurboCAD 2019 Platinum, features like the fully customizable user interface, including an optional AutoCAD®-like 2D drafting interface, can help you get started. Save more time with handle-based editing and multi CPU, multi-threaded processing.

3D Surface and Solid Modeling-

TurboCAD includes a complete set of 3D surface and Solid (ACIS-based) modeling and editing tools making it ideal for both single part and small assembly mechanical designs.

Advanced Part Tree - TurboCAD maintains a design history when its Part Tree feature is enabled. With the Part Tree, the user may return to any procedural step in their design and make modifications without losing subsequent work. Each of the design and modification tools, and most of the 3D primitives, may be driven by this Part Tree.

Interoperability / File Support - With support of over two dozen CAD and Graphics file formats, Turbocad makes it

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Dozens of New Features & Enhancements

Customizable Ribbon Interface - Users now have the ability to fully customize the Ribbon Interface. You can now Add and Rename Tools, Groups and Tabs. In addition, Tabs may be hidden or renamed, and manually created XML Config files can be directly imported into TurboCAD. UI Themes are also fully supported in the Ribbon.

4K Monitor Support - With new, scalable vector icons, TurboCAD is now fully optimized for 4K monitors. Through dynamic sliders, toolbar icons, the User Interface and other icons in other part of the UI can be resized to optimize readability on higher resolution displays.

Select by Similar - This powerful tool allows users to select any 2D or 3D object type or a Block and then find all occurrences of that in the drawing.

Construct Similar Tool - This tool which takes properties from a referenced object and applies these to the construction of the next object. The Construct Similar tool provides a fast and efficient method to assign object properties such as line fonts, dimension styles, and wall properties with a single click.

Pick Point Hatch - Pick-Point-Hatch now works with gaps in 2D objects. For example, trying to fill an area bounded by a Polyline, when there are gaps in the Polyline. Improvements to pick-point also apply to ADT objects (Walls, Doors and Windows), allowing to similarly fill in gaps between these objects.

Blend - Three additional Blend types have been added to the Fillet Edges tool - G2 Continuous Curvature, Fixed Width and Three Face

Sheet Metal - Multiple improvements have been made to the Sheet Metal tools, including: a new Property have been added to the Flange Sheet tool - Draft Angle; several new options have been added to the Inspector bar when using this tool - Start and End Offset, Start and End Angle; accuracy improvements to the Unbend tool and the ability track progress of this ACIS® operation and interrupt it if desired results are not seen.

Architectural Desktop (ADT) Objects - ADT objects can now be completely and accurately used with Copy and Linear Array copy tools.

KEY FEATURES

easy to maintain your intellectual property investment and share your work with colleagues. TurboCAD 2019 Platinum includes support for the latest AutoCAD DXG and DXF file formats as well.

Architectural & GIS TurboCAD includes an Integrated suite of architectural tools that accelerate productivity in design and drafting, Terrain tools for creating an accurate plot to construct buildings upon, and Building Information Modeling (BIM) tools.

2D Geometric and Dimensional Constraints - Often referred to as variational sketching, the D-Cubed™ 2D DCM constraint manager from Siemens Industry Software Limited adds precision and productivity. By setting up constraints, TurboCAD users have greater control to enforce design intent, and may very quickly modify a design.

Drafting Palette - Create associative views, sections, and detailed views that can be updated in real-time - even from an Xref. These object views can be dimensioned and annotated rapidly. As the 3D design is modified, associated 2D drawing views are also updated, thus making change management automatic.

Design Director - Organize, access, and explore design alternatives. The 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.

Dozens of New Features & Enhancements

For example, the Array Fit Linear now takes into account all of the properties of the ADT object being copied, including Work Plane, Layer, Materials, etc. Previously, this tool could create only one roof object. Now, multiple objects may be created. In addition, the overall processing of all ADT objects in a drawing, including the House Wizard, has been significantly sped up.

BIM Tool - Data collection of IFC files has been improved, the BIM Palette now shows the BIM file structure, and the BIM tool and BIM Palette's UI's have now been more tightly integrated, making these architectural modeling parts of TurboCAD easier to use.

New LightWorks® rendering engine and Sun and Sky Shader -

The LightWorks rendering engine has been upgraded to v9.3. New properties "sun dir by geo-location" and "dir by geo-location" added to "Sky" and "Sun" shaders correspondingly.



RedSDK to LightWorks Porting – TRedSDK rendered images are now more automatically, accurately and completely converted to a LightWorks rendered. image.

AutoCAD 2019 Compatibility – TurboCAD 2019 now fully supports AutoCAD DWG, DXF and DWF file formats.

STL Filter - 3D Print Check– A 3D Print Check option has been added when exporting an STL file.

RedSDK to Lightworks converter - New and improved converter has been incorporated into TurboCAD 2019, supporting a complete range of new features.

USER REVIEWS

"This is more than a program, it is a powerful tool. Very simple, clean interface, with all the tools and capabilities you could want. As a woodworker, the cut-lists can come in very handy on pieces requiring a large number of parts of various sizes."

— **James R.**

"I have used TurboCAD for over 20 years and love it. Very easy to use (user friendly), love the tutorials to train me. I always find out the program can do more than what I knew that it could. I'll always stick with TurboCAD for all my drawing needs."

— **Bruce L.**

"I have found the tools in TurboCAD to be adaptable to a broad range of tasks. I have done everything from machine parts to earth retaining structures with it. The interface has a much easier learning curve than other products. The input and output features make sharing drawings very easy."

- **Neil H.**

Dozens of New Features & Enhancements

FBX Filter - A new file adaptable file format has been incorporated with TurboCAD 2019 used for 3D animation. The FBX® data exchange technology is a 3D asset exchange format that facilitates higher-fidelity data exchange.

....and more!