

Feature	TurboCAD Designer 18			
	TurboCAD Pro Platinum 18	TurboCAD Pro 18	TurboCAD Deluxe 18	TurboCAD Designer 18
Suggested Retail Price	\$1,495	\$1,295	\$129.99	\$39.99
USABILITY & INTERFACE				
Command Line				
Easy, Handle-Based Editing	✓	✓	✓	✓
Fully Customizable User Interface and Preferences	✓	✓	✓	✓
Drawing Performance - Integrated Redway drawing engine	✓	✓		
Multi-threading support	✓	✓	✓	
Draw Order by Layer	✓	✓	✓	
Explode Viewports	✓	✓	✓	✓
Intelligent Cursor - data entry points and feedback visible next to cursor				
Layer Filters	✓	✓	✓	✓
Multi-select Drawings - ability to open multiple drawings with Open command	✓	✓		
Object SNAP Prioritization	✓	✓	✓	✓
Smart Dimension Tool	✓	✓	✓	✓
Transparent and Bit-mapped Fills	✓	✓	✓	✓
True Units Retained between Drawings with Different Unit Settings	✓	✓	✓	✓
2D Drafting and Editing				
Auto Tools (for Scaling, Sizing, Positioning, Rotating, and Movement)	✓	✓	✓	✓
2D Drawing, Editing and Modifying	✓	✓	✓	✓
Bezier and Fair Curves	✓	✓	✓	✓
CTB Print Style Support	✓	✓	✓	✓
Drafting and Detailing Palette - create associative sections and cut planes	✓	✓		
Easy Handle-Based Editing	✓	✓	✓	✓
Index Color Support	✓	✓	✓	✓
Layer Properties Manager	✓	✓	✓	✓
Smart and Quick Dimension Tools	✓	✓	✓	✓
Xclip Support	✓	✓		
3D Modeling				
3D Solid Modeling and Editing	✓	✓		
3D Terrain Modeling	✓	✓		
3D Shelling, Lofting and Surfaces	✓	✓		
3D Deformable Modeling	✓	✓		
3D Pattern Copy Tools	✓			
Extrude to Face, Twisted Extrude Tools	✓			
Imprint Tool	✓			
Parametric Part Maker and Manager	✓	✓		
History Tree with Editor	✓	✓		
Architectural				
Intelligent (Parametric) Attribute-rich, Architectural Objects*				
Walls (Self-Healing; Straight, Curved; Block Insert)	✓	✓	✓	✓
Doors	✓	✓	✓	
Markers	✓	✓	✓	

Muntins - for both Doors and Windows	✓			
Roofs	✓	✓	✓	
Slabs	✓			
Stairs	✓	✓		
Rails	✓			
Schedule	✓	✓	✓	
Windows	✓	✓	✓	
House Wizard	✓	✓	✓	
Architectural Sections and Elevations (3D-to-2D documentation)	✓	✓		
Schedule Tool and Wizard	✓	✓	✓	
Self-Aligning Blocks	✓	✓	✓	✓
Style Manager	✓			
Mechanical				
2D Geometric and Dimension Constraints	✓	✓		
Adhesive Symbol Tool (fully parametric)	✓	✓		
Bend/Unbend Tools	✓			
Branched Lofting	✓	✓		
Face-to-Face Lofting	✓	✓		
Gear Contour Tool	✓	✓	✓	
Geometric Tolerance Tool	✓			
Surface Roughness and Weld Symbols	✓	✓		
Thread Tool	✓			
Photorealistic Rendering				
Advanced Rendering - customizable ray tracing, sketch rendering, depth of field	✓	✓		
Photorealistic Rendering and Materials	✓	✓	✓	
OpenGL (Draft) Rendering	✓	✓	✓	
Material Library	✓	✓	✓	
Ray Tracing	✓	✓	✓	
Radiosity	✓	✓	✓	
Multiple Lighting Types & Settings	✓	✓	✓	
Programmatic Support & Content				
Blocks, Block Editor and Xref Support	✓	✓	✓	✓
Macro Recorder	✓	✓		
Programmable SDK	✓	✓		
Ruby Scripting - compatible with Google™ SketchUp™ Ruby Scripts	✓	✓		
Symbols, Part Library	✓	✓	✓	✓
Interoperability				
AutoCAD (DXF, DWG, and DWF) File Compatibility	✓	✓	✓	
Import and Open File Formats	40	40	16	15
Export, Save As, and Publish File Formats	31	31	19	16
Enhanced Google SketchUp File (SKP) Import - geometry, views, materials, components	✓	✓	✓	
File Conversion Tool with Batch File Conversion	✓	✓		
PDF Underlay Tool	✓	✓		
Network License Support		✓	✓	
Open and Save 3DM (Rhino), IGS, OBJ, SAT, STL, STP mechanical drawings	✓	✓		
Terrain Data (XYZ) File Import and Export Support	✓	✓	✓	

*TurboCAD can read and display ADT-compliant objects embedded in DWG files

✓ New or Improved with TurboCAD v18