

Which TurboCAD Version is Right for You?

	TurboCAD Pro Platinum 2016	TurboCAD Pro 2016	TurboCAD LTE Pro v8	TurboCAD LTE v8	TurboCAD Deluxe 2016	TurboCAD Designer 2016
Suggested Retail Price	\$1,695	\$1,495	\$299.99	\$149.99	\$129.99	\$49.99
PRODUCT POSITIONING						
2D/3D Drafting with Solid and Surface Modeling	✓	✓				
2D/3D with Surface Modeling					✓	
2D Drafting with Default AutoCAD-like Interface			✓	✓		
2D Drafting						✓
USABILITY & INTERFACE						
32-bit and 64-bit bit versions	✓	✓	✓	✓	✓	✓
Command Line	✓	✓	✓	✓		
Design Director - for object property management	✓	✓	✓		✓	
Draw Order by Layer	✓	✓	✓	✓	✓	✓
Dynamic Input Cursor	✓	✓	✓	✓		
Easy, Handle-Based Editing	✓	✓	✓	✓	✓	✓
Conceptual Selector	✓	✓			✓	
Fully Customizable User Interface and Preferences	✓	✓	✓	✓	✓	✓
ePack	✓	✓	✓	✓		
Explode Viewports	✓	✓				
Explorer Palette - Complete control over applicationa and Drawing organization and standards	✓	✓	✓		✓	
Geolocation of drawings, Compase Rose	✓	✓	✓	✓	✓	
Image Manager	✓	✓	✓			
Intelligent Cursor - data entry points and feedback visible next to cursor	✓	✓	✓	✓		
Layer Filters	✓	✓	✓	✓	✓	
Layer Management	✓	✓	✓	✓	✓	✓
Measurement Tools	✓	✓	✓	✓	✓	✓
Object SNAP Prioritization	✓	✓	✓	✓	✓	✓
Protractor Tool	✓	✓	✓	✓		
Flexible UI	✓	✓			✓	✓
Redsdk engine for enhanced drawing performance in wireframe, hidden line and conceptual rendering viewing	✓	✓	✓	✓		

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Transparent and Bit-mapped Fills	✓	✓	✓	✓		
True Units Retained between Drawings with Different Unit Settings	✓	✓	✓	✓	✓	✓
Contact Manager and File Sharing	✓	✓			✓	✓
View 3D Models	✓	✓	✓	✓	✓	
Backup of Open Documents on Program Close	✓	✓	✓	✓	✓	✓
File Buffer	✓	✓	✓	✓	✓	✓
Untitled Documents	✓	✓	✓	✓	✓	✓
2D DRAFTING AND EDITING						
2D Geometric and Dimension Constraints	✓	✓	✓			
2D Drawing, Editing and Modifying	✓	✓	✓	✓	✓	✓
Advanced Drawing Tools (Gear, Surface Tolerance, Text along Curve)	✓	✓	✓			
Arrow tools	✓	✓	✓			
Auto Shapes	✓	✓	✓	✓	✓	
Auto Tools (for Scaling, Sizing, Positioning, Rotating, and Movement)	✓	✓	✓	✓	✓	✓
Bezier and Fair Curves	✓	✓	✓	✓		
CTB Print Style Support	✓	✓	✓	✓	✓	✓
Draw by Layer Plus	✓	✓	✓	✓		
Drawing Compare	✓	✓	✓			
Drafting and Detailing Palette - create associative sections and cut planes	✓	✓	✓			
Easy Handle-Based Editing	✓	✓	✓	✓	✓	✓
Gradient Fills	✓	✓	✓	✓		
Hatch Pattern Creator	✓	✓	✓			
Index Color Support	✓	✓	✓	✓	✓	✓
Layer Properties Manager	✓	✓	✓	✓	✓	✓
PDF Underlay Tool	✓	✓	✓			
Purge Tool	✓	✓	✓	✓		
Smart and Quick Dimension Tools	✓	✓	✓	✓	✓	✓
Xclip Support	✓	✓	✓	✓		
ISO Circle/Grid	✓	✓			✓	

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3D DRAWING, MODELING, AND EDITING						
Assembly Tools	✓	✓			✓	
3D Booleans -Add, Subtract, Intersection	✓	✓			✓	
Associative Arrays and Pattern Tools	✓					
3D Helix	✓	✓			✓	
3D Patterns from Compound Profiles	✓					
3D Polylines	✓	✓			✓	
3D Spline	✓	✓			✓	
3D Surface Primitives - Box, Rotated Box, Cone, Cylinder, Polygonal Prism, Sphere, Hemisphere, Torus, Wedge	✓	✓			✓	
Wire Wrapping	✓	✓				
Extrude (simple)	✓	✓			✓	
Part Tree/History Tree	✓					
Push/Pull Tool	✓	✓				
Rail Sweep	✓				✓	
Revolve	✓	✓			✓	
Smooth Surface Meshes	✓					
Twisted Extrude, Extrude to Face Tools	✓					
Unbend and Unfold Tools	✓					
Unwrapping of Surfaces	✓					
Mirror Copy Tool for 3D Objects	✓	✓			✓	
Advanced Blending Functionality	✓					
Bend to Path	✓					
Law Tools - Curve from Law; Surface with Laws; Offset with Law; Warp Entity by Law	✓					
Extract Entity	✓					
Imprint Edge	✓	✓				
Tweak Face	✓					
Revolve Face	✓	✓				
3D Slice by Facet	✓	✓				

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Slots Tools	✓	✓			✓	
Lofting to a Point	✓	✓				
ARCHITECTURAL						
Intelligent (Parametric) Attribute-rich, Architectural Objects*						
Walls (Self-Healing; Straight, Curved; Block Insert)	✓	✓	✓	✓	✓	✓
Component Walls	✓					
Doors	✓	✓	✓	✓	✓	
Markers	✓	✓	✓	✓	✓	
Muntins - for both Doors and Windows	✓					
Roofs	✓	✓	✓	✓	✓	
Slabs	✓		✓			
Stairs	✓	✓	✓	✓		
Rails	✓		✓			
Schedule	✓	✓	✓	✓	✓	
Windows	✓	✓	✓	✓	✓	
Entity Marks - with Property Set Definitions	✓					
House Builder Wizard	✓	✓	✓		✓	
Architectural Sections and Elevations (3D-to-2D documentation)	✓	✓	✓			
Schedule Tool and Wizard	✓	✓	✓			
Self-Aligning Blocks	✓	✓	✓	✓	✓	✓
Simple BIM via IFC Support	✓	Import only				Limited
Sun Position	✓	✓				
Style Manager	✓	Limited				Limited
Trim Roof Slab by Plane	✓					
Multi Landing Stairs By Polyline	✓	✓				
PHOTOREALISTING RENDERING AND VISUALIZATION						
3D Photorealistic Rendering	✓	✓			✓	
Customizable Luminances and Material Libraries	✓	✓			✓	

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Customizable Environments Library	✓	✓			✓	
Luminance of Objects, Shadow Casting	✓	✓			✓	
OpenGL & Hidden Line Rendering	✓	✓	✓		✓	
Ray Tracing	✓	✓			✓	
Render Manager	✓					
UV Mapping	✓					
Dynamic Cutaway Plane	✓					
Active Drawing Components	✓	✓			✓	
Redsdk 4.1 Engine Migration	✓	✓			✓	
DATABASE AND PROGRAMMATIC SUPPORT; CONTENT						
Blocks, Block Editor and Xref Support	✓	✓	✓	✓	✓	✓
Internal Database and Custom Data; External Database Connectivity	✓	✓	✓			
Paramtric Parts Editor for 2D and 3D parts creation and management	✓	✓	✓			
Programmable SDK	✓	✓	✓			
Ruby Scripting - compatible with Google™ SketchUp™ Ruby Scripts	✓	✓	✓			
Symbols, Part Library	✓	✓	✓	✓	✓	✓
Table Styles with Property Set Definitions	✓					
INTEROPERABILITY						
3D PDF (including .U3D and .PRC) Export	✓	✓				
3D Printer Support via .STL Import and Export	✓	✓	✓		✓	
AutoCAD (DXF, DWG, and DWF) File Compatibility	✓	✓	✓	✓	✓	✓
Import and Open File Formats	41	40	40	15	21	15
Export of Coordinate Data	✓					
Export, Save As, and Publish File Formats	34	33	31	16	23	16
Enhanced 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, STP mechanical drawings	✓	✓	✓			
Terrain Data (XYZ) File Import and Export Support	✓	✓	✓			

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<i>OTHER</i>						
Point Cloud Support (PCD, PCG, XYZ, ASC)	✓					
Point Cloud Import/Export	✓					
Point Cloud Triangulation	✓					
Subset Point Cloud	✓					
Network License Support	✓	✓	✓			✓

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