

TurboCAD® Pro vs. AutoCAD® 2009, Top-Level Comparative Matrix

Feature	TurboCAD Pro 16	AutoCAD 2009	AutoCAD LT 2009
Suggested Retail Price	\$1,295	\$3,995	\$1,200
2D & 3D			
2D Drawing, Editing and Modifying	✓	✓	✓
2D Geometric and Dimension Constraints	✓		
3D Solid Modeling and Editing	✓	✓	
3D Terrain Modeling	✓		
3D Shelling, Lofting and Surfaces	✓	✓	
3D Deformable Modeling	✓		
Easy Handle-Based Editing	✓		
Smart and Quick Dimension Tools	✓	✓	✓
Auto Tools (Scaling, Sizing, Positioning, Rotating, and Movement)	✓		
Parametric Part Maker and Manager	✓		
History Tree with Editor	✓		
Layer Properties Manager	✓	✓	✓
Time it takes to do "What If" editing analysis	Seconds	Minutes & Hours	Minutes & Hours
Time to move 2D model to 3D model	Automatic	Minutes & Hours	
Intelligent Architectural Objects (Parametric) *			
Walls (Self-Healing; Component, Straight, Curved; Block Insert)	✓		
Doors	✓		
Windows	✓		
Roofs	✓		
Slabs	✓		
Stairs	✓		
Rails	✓		
Insert a window into a wall	Seconds	Minutes	Minutes
Change a single door into a double door	Seconds	Minutes	Minutes
Photorealistic Rendering			
Photorealistic Rendering and Materials	✓	✓	
OpenGL (Draft) Rendering	✓	✓	
Ray Tracing	✓	✓	
Radiosity	✓		
Multiple Lighting Types & Settings	✓	✓	
Programmatic Support & Content			
Customizable User Interface and Preferences	✓	✓	✓
Blocks, Block Editor and XREF Support	✓	✓	✓
Programmable SDK	✓	✓	
Symbols	Millions	Thousands	Hundreds
Download Size	125MB	1154MB	550MB
Interoperability			
Import and Open File Formats	31	24	19
Export, Save As, and Publish File Formats	28	16	7
AutoCAD (DXF, DWG, and DWF) File Compatibility	✓	✓	✓
Enhanced Google SketchUp File Import - geometry, views, materials, etc.	✓		