

TurboCAD® 19 Deluxe

Feature Comparison	TurboCAD Deluxe 2D/3D	ViaCAD™ 2D/3D v8	AutoCAD LT™ 2012
Suggested Retail Price	\$129 ⁹⁹	\$99 ⁹⁹	\$1,200
USABILITY & INTERFACE			
Fully Customizable User Interface & Preferences	✓	✓	✓
Easy, Handle-Based Editing	✓	✓	✓
Transparent & Bit-Mapped Fills	✓	✓	✓
Draw Order by Layer	✓	✓	✓
Layer Filters	✓	✓	✓
Object SNAP Prioritization	✓	✓	✓
Video & Interactive Tutorials	✓	✓	✓
Paper & Model Space	✓	✓	✓
ARCHITECTURAL			
House Wizard	✓	✓	✓
Self-Healing Walls	✓	✓	✓
Doors, Windows & Markers	✓	✓	✓
Schedule Tool & Wizard	✓	✓	✓
Self-Aligning Blocks that Insert into Walls	✓	✓	✓
Dynamic Dimensions for Doors & Windows	✓	✓	✓
Roof Tool	✓	✓	✓
2D DRAFTING & DETAILING TOOLS			
Wide Selection of Basic 2D Drafting Tools	✓	✓	✓
Auto Tools (Scale, Size, Position, Rotation & Movement)	✓	✓	✓
Smart & Quick Dimension Tools	✓	✓	✓
Layer Properties Manager	✓	✓	✓
Bezier & Fair Curves	✓	✓	✓
Text Editing	✓	✓	✓
Index Color Support	✓	✓	✓
3D DRAWING & EDITING TOOLS			
Assembly Tools	✓	✓	✓
Boolean Operations - Add, Subtract, Intersect	✓	✓	✓
3D Primitives, Meshes & Splines	✓	✓	✓
Extrude, Revolve, Twist & Sweep Editing Tools	✓	✓	✓
PHOTOREALISTIC RENDERING & VISUALIZATION			
3D Photorealistic Rendering	✓	✓	✓
Gradient Fills	✓	✓	✓
Luminance of Objects, Shadow Casting	✓	✓	✓
OpenGL & Hidden Line Rendering	✓	✓	✓
Ray Tracing	✓	✓	✓
Customizable Material Library	✓	✓	✓
Customizable Environments Library	✓	✓	✓
INTEROPERABILITY - FILE IMPORT & EXPORT			
AutoCAD® .DWG & .DXF File Compatibility	✓	✓	✓
Google™ SketchUp™ (.SKP) Import & Export	✓	✓	✓
Import & Open File Formats	19	19	6
Export, Save As, Publish File Formats	21	13	13
CONTENT			
Xref, Blocks & Block Editor Support	✓	✓	✓
Symbols, Part Library	✓	✓	✓

Supported File Format Comparison	TurboCAD Deluxe 2D/3D	AutoCAD LT® 2012
DWG - AutoCAD® native format	✓	✓
DWF - Autodesk® Drawing Web Format	✓	✓ **
DXF - Drawing Exchange format	✓	✓
DXB - AutoCAD® Plotter format	✓	✓ **
DWT - AutoCAD® Drawing Template	✓	✓
3DS - Autodesk® 3D Studio format	✓	✓
3DV - VRML Worlds	✓ *	✓
BMP - Windows® Bitmap format	✓ **	✓ **
CGM - Computer Graphics Metafile	✓	✓
DAE - COLLADA	✓ **	✓
DC, DCD - DesignCAD™ format	✓ *	✓
DGN - Intergraph Microstation	✓	✓
EPS - Adobe® PostScript	✓	✓ **
FCD, FCW - FastCAD	✓ *	✓
GEO - VRML Worlds	✓ *	✓
GIF - Graphics Interchange format (w/Alpha Channel Support)	✓ **	✓
JPG - JPEG	✓ **	✓ **
PDF - Adobe® Page Description format	✓ **	✓ **
PLT - Plotter file format language	✓	✓ **
PNG - Raster graphic format (w/Alpha Channel Support)	✓ **	✓
Raster (Reference 2D multiple formats)	✓	✓
SKP - Google™ SketchUp™	✓	✓
TCW - TurboCAD® native format	✓	✓
TCT - TurboCAD® Drawing Template	✓	✓
WMF - Windows® Metafile	✓	✓
WRL - VRML Worlds	✓	✓
WRZ - VRML Worlds	✓	✓

✓ IMPORT & EXPORT ✓ * IMPORT ONLY ✓ ** EXPORT ONLY