

Compare ZWCAD with AutoCAD®

		ZWCAD		A AUTOCAD	
		Standard	Professional	LT	Full
Compatibility	DWG, DWF, DWFx, DWT, DWS, DXF Import and Export	✓	✓	✓	✓
	PDF, DGN Import and Export	✓	✓	✓	✓
	IFC Import	✓	✓	✗	✓
	STEP Import	✗	✓	✗	✓
	ACIS SAT Import and Export	✗	✓	✗	✓
Interface and Interaction	Classic and Ribbon Interfaces	✓	✓	✓	✓
	Customize User Interface (CUI)	✓	✓	✓	✓
	Dark / Light UI	✓	✓	✓	✓
	Dynamic Input	✓	✓	✓	✓
	Dynamic UCS	✓	✓	✓	✓
	Floating Document Tab	✓	✓	✓	✓
	Drawing Tab Switching	✓	✓	✓	✓
	Tool Palettes	✓	✓	✓	✓
	Properties Palette	✓	✓	✓	✓
	Design Center	✓	✓	✓	✓
Panel Navigation Indicator	✓	✓	✗	✗	
Drawing and Editing	Line, Polyline, 3D Polyline, Spline, Ray, Xline	✓	✓	✓	✓
	Multiline and Multiline Style	✓	✓	✗	✓
	Circle, Arc, Ellipse, Elliptical Arc	✓	✓	✓	✓
	Polygon, Rectangle, Region, Donut, Point	✓	✓	✓	✓
	Move, Copy, Rotate, Scale, Stretch, Mirror, Align	✓	✓	✓	✓
	Trim, Extend, Lengthen, Break, Join	✓	✓	✓	✓
	Layer Properties Manager	✓	✓	✓	✓
	Layer States Manager	✓	✓	✓	✓
	Layer Filter	✓	✓	✓	✓
	Layer Browser	✓	✓	✗	✗
	Group	✓	✓	✓	✓
	Match Property	✓	✓	✓	✓
	Region	✓	✓	✓	✓
Undo/Redo Preview	✓	✓	✗	✗	
Annotation	Dimension	✓	✓	✓	✓
	Enhanced Coordinate Dimension	✓	✓	✗	✗
	Text and MText	✓	✓	✓	✓
	Text In-Place Editing	✓	✓	✓	✓
	Leader & MLeader	✓	✓	✓	✓
	Tables & Table Styles	✓	✓	✓	✓
	Field	✓	✓	✓	✓
	Revcloud	✓	✓	✓	✓
	Hatch / Gradient Hatch	✓	✓	✓	✓
	Super Hatch	✓	✓	✗	✓
Annotation Scaling	✓	✓	✓	✓	
Reference	Blocks, Block Editor	✓	✓	✓	✓
	Block Attribute Manager	✓	✓	✓	✓
	Multiple Blocks Inserting	✓	✓	✗	✓
	Underlay (DWG, DWF(x), DGN, PDF)	✓	✓	✓	✓
	OLE	✓	✓	✓	✓
	Image Attach, Adjust, Clip, Transparency	✓	✓	✓	✓
	GeoTIFF Attach	✓	✓	✗	✗
Xrefs In-Place Editing	✓	✓	✓	✓	
Advanced Features	Parametric Design*	✓	✓	✓	✓
	Smart Match	✗	✓	✓	✓
	Similar Search	✗	✓	✗	✓
	Smart Mouse	✓	✓	✗	✗
	Smart Voice	✓	✓	✗	✗
	Smart Select	✓	✓	✗	✗
	Smart Plot	✓	✓	✗	✗
	ZWCAD Toolbox	✓	✓	✗	✗
	Flexiblock	✓	✓	*Dynamic Block is interchangeable to Flexiblock.	
	Drawing View	✗	✓	✗	✓
	Raster to Vector Conversion	✗	✓	*Only available when the raster design toolset is loaded.	
	Point Cloud	✗	✓	✗	✓
	GIS	✗	✓	✓	✓
	Area Table	✓	✓	✗	✗
	File Compare	✓	✓	✓	✓
	Sheet Set Manager	✓	✓	✓	✓
	Barcode & QR Code	✓	✓	✗	✗
	Data Extraction	✓	✓	✗	✗
	Datalink	✓	✓	✓	✓
Digital Signature	✓	✓	✓	✓	
Lockup & Unlock	✓	✓	✗	✗	
Quick Calculator	✓	✓	✓	✓	
Quick Properties Panel	✓	✓	✓	✓	
Quick Select	✓	✓	✓	✓	
Printing and Plotting	CTB & STB Plot Style	✓	✓	✓	✓
	Plot	✓	✓	✓	✓
	Publish	✓	✓	✓	✓
	Automatic Drawing Layout	✓	✓	✗	✗
	Export	✓	✓	✓	✓
	eTransmit	✓	✓	✓	✓
3D Modeling	Solid, Mesh and Surface Modeling	✗	✓	✗	✓
	Photorealistic Rendering	✗	✓	✗	✓
	3D Gizmo	✗	✓	✗	✓
	Visual Style	✓	✓	✗	✓
	ViewCube	✗	✓	✗	✓
	3D Orbit	✓	✓	✗	✓
3D Mouse	✓	✓	✓	✓	
Programming	MNU, MNS and MNL Files Support	✓	✓	✓	✓
	ActiveX API	✓	✓	✓	✓
	LISP Support	✓	✓	✓	✓
	Lisp Debugger	✓	✓	✗	✓
	Visual Basic for Applications (VBA)	✗	✓	✗	✓
	Runtime Extension (ZRX/ARX)	✗	✓	✗	✓
	.NET	✗	✓	✗	✓

*The Standard version does not support creating new constraints or using parametric features in the Block Editor.