

Features	ZWCAD 2025	
	Std	Pro
<b>Files support</b>		
DWG R14/2000/2004/2007/2010/2013	✓	✓
DXF R12/2000/2004/2007/2010/2013	✓	✓
DWG/DXF 2018	✓	✓
DWT support	✓	✓
<b>User interaction</b>		
Lasso Selection	✓	✓
Adaptive Grid	✓	✓
Classic menu and toolbar	✓	✓
Command auto complete	✓	✓
Customize User Interface (CUI)	✓	✓
Design Center	✓	✓
Drawing tab switching	✓	✓
Dynamic Input	✓	✓
Dynamic UCS	✓	✓
Floating document tab	✓	✓
Multi-thread CPU speed up	✓	✓
Partial CUI	✓	✓
Panel navigation indicator	✓	✓
Properties Palette	✓	✓
Ribbon interfaces	✓	✓
Tool Palettes	✓	✓
Transparent Command in Dynamic Input	✓	✓
<b>2D drawing and annotation</b>		
Enhanced coordinate dimensions	✓	✓
Annotative dimensions	✓	✓
Associative dimensions	✓	✓
Enhanced grip editing menu	✓	✓
Field	✓	✓
Hatch/Gradient Hatch	✓	✓
Leader & Mleader	✓	✓
MleaderAlign	✓	✓
Pline and Hatch Boundary Grips	✓	✓
Revcloud	✓	✓
Super Hatch	✓	✓
Table & Table styles	✓	✓
Text and Mtext	✓	✓
Text in-place editing	✓	✓
<b>Layers</b>		
Layer Properties Manager (classic)	✓	✓
Layer Properties Manager (Panel)	✓	✓
Layer States Manager	✓	✓
layer filter	✓	✓
Layer Walk	✓	✓
Layer Merge	✓	✓
Layer Browser	✓	✓

Viewport Layer	✓	✓
<b>Xref,Block and Attribute</b>		
Attribute	✓	✓
Block align	✓	✓
Block editor	✓	✓
Block replace	✓	✓
DGN Underlay	✓	✓
DGN Export	✓	✓
DGN Import	✓	✓
DWF underlay	✓	✓
DWFX underlay	✓	✓
Dynamic Block	(7)	(7)
External Reference Manager	✓	✓
Multiple block inserting	✓	✓
OLE	✓	✓
PDF underlaly	✓	✓
Rater Images	✓	✓
Xrefs	✓	✓
<b>Print</b>		
CTB & STB plot styles	✓	✓
Export	✓	✓
Mvsetup	✓	✓
Shade Plot	✓	✓
Smart Plot (Batch Plot)	✓	✓
Plot to SVG	✓	✓
Plotting	✓	✓
Publish DWF/DWFX	✓	✓
Publish PDF	✓	✓
<b>3D modeling and visulization</b>		
3D Orbit	✓	✓
ACIS viewing	✓	✓
3D modeling & editing(including 3DFace, Pyramid & Meshes) (Not support from ZWCAD 2025)	✗	✓
Rendering	✗	✓
Solprof	✗	✓
Visual styles (Hide & Shade)	✓	✓
Z axis tracking	✓	✓
STL export	✗	✓
IFC Import	✓	✓
STEP Import (ZWCAD 2025 new feature)	✗	✓
3D Gizmos (ZWCAD 2025 new feature)	✗	✓
<b>Tools</b>		
Quick Properties Panel	✓	✓
Point Cloud	✗	✓
Area Table	✓	✓
GIS Module	✗	✓
Sheetset Manager	✓	✓
Cloud Storage	✓	✓
3Dmouse	✓	✓
Associative Array	✓	✓

CAD Standard	✓	✓
Datalink	✓	✓
Dataextraction	✓	✓
DGN Purge	✓	✓
Digital signature for dwfx drawings	✓	✓
Digital signature for dwg drawings	✓	✓
Etransmit	✓	✓
File Compare	✓	✓
Formula apply to table	✓	✓
Group	✓	✓
Lockup & Unlock	✓	✓
Match properties (cross drawings)	✓	✓
Multiple Undo/Redo	✓	✓
Quick Calculator	✓	✓
Quick select	✓	✓
Raster image vectorization (ZWCAD 2025 new feature)	✗	✓
Region	✓	✓
Settings Migration	✓	✓
Smart mouse	✓	✓
Smart select	✓	✓
Smart voice	✓	✓
Undo/Redo Preview	✓	✓
Layout Export	✓	✓
<b>Application Programming Interfaces</b>		
ActiveX, including in-place editing	✓	✓
Full LISP with vl-, vlr-, vla- and vlax- support	✓	✓
Lisp Debugger	✓	✓
DCL engine	✓	✓
Visual Basic for Applications (VBA 32/64-bit)	✗	✓
Runtime extension (ZRX/ARX)	✗	✓
.NET	✗	✓

(1)ZWCAD provides a FormatConverter to convert DWG 2018 to lower format.
(2)ZWCAD's Block Editor is able to modify non-dynamic blocks only.
(3)Version before ZWCAD 2021 also have external reference manager,however each type of reference file will have one manager. In ZWCAD 2021 all managers have been integrated in one panel.
(4) ZWCAD can use dynamic block, but not allow to create or modify dynamic block for now;
(5)ZWCAD 2018/2017/2015+/2014+ are able to publish to DWF but not DWFX file.
(6) Lower ZWCAD version have Array function but without associative property and no able to control array by the grips.
(7) ZWCAD have a function called "Flexiblock", the way to create, edit, use flexiblock is exactly the same as dynamic block. NanoCAD only available to use dynamicblock.
(*) ZWCAD 2019/2018/2017/2015+/2014+ do not support hatch grip edit.