

Compare Info	ZWCAD 2024		ProgeCAD 2024
Version	Standard	Professional	Professional
File Support			
DWG R14/2000/2004/2007/2010/2013	✓	✓	✓
DXF R12/2000/2004/2007/2010/2013	✓	✓	✓
DWG/DXF 2018	✓	✓	✓
DWT support	✓	✓	✓
User Interaction			
Lasso Selection	✓	✓	✗
Adaptive Grid	✓	✓	✓
Classic menu and toolbar	✓	✓	✓
Command auto complete	✓	✓	✓
Customize User interface (CUI)	✓	✓	✓
Design Center	✓	✓	✓
Drawing tab switching	✓	✓	✓
Dynamic Input	✓	✓	✓
Dynamic UCS	✓	✓	✓
Multi-thread CPU speed up	✓	✓	✗
Partial CUI	✓	✓	✓
Properties Palette	✓	✓	✓
Ribbon interfaces	✓	✓	✓
Tool Palettes	✓	✓	✓
Transparent Command in Dynamic Input	✓	✓	✓
2D drawing and annotation			
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	✓	✓	✓
Layers			
Layer Properties Manager (classic)	✓	✓	✓
Layer Properties Manager (Panel)	✓	✓	✓
Layer States Manager	✓	✓	✓
layer filter	✓	✓	✓
Layer Walk	✓	✓	✓
Layer Merge	✓	✓	✓
Layer Browser	✓	✓	✗
Viewport Layer	✓	✓	✗
Xref,Block and Attribute			
Attribute	✓	✓	✓
Block align	✓	✓	✗
Block editor	(1)	(1)	✓
Block replace	✓	✓	✓
DGN Underlay	✓	✓	✓
DGN Export	✓	✓	✓
DGN Import	✓	✓	✓
DWF underlay	✓	✓	✓
DWFX underlay	✓	✓	✗
Dynamic Block	(2)	(2)	✗
External Reference Manager	✓	✓	✓
Multiple block inserting	✓	✓	✓
OLE	✓	✓	✓
PDF underlay	✓	✓	✓
Raster Images	✓	✓	✓
Xrefs	✓	✓	✓
Print			
CTB & STB plot styles	✓	✓	✓
Export	✓	✓	✓
Mvsetup	✓	✓	✓
Shade Plot	✓	✓	✓
Smart Plot (Batch Plot)	✓	✓	(3)
Plot to SVG	✓	✓	✗
Plotting	✓	✓	✓
Publish DWF/DWFX	✓	✓	✓
Publish PDF	✓	✓	✓
3D modeling and visulization			
3D Orbit	✓	✓	✓
ACIS viewing	✓	✓	✓
3D modeling & editing	✗	✓	✓
Rendering	✗	✓	✓
Solprof	✗	✓	✓
STL export	✗	✓	✓
Visual styles (Hide & Shade)	✓	✓	✓
Z axis tracking	✓	✓	✗
IFC Import	✓	✓	(4)
Tools			
Quick Properties Panel	✓	✓	(5)
Point Cloud	✗	✓	(6)
Area Table	✓	✓	✗
Sheetset Manager	✓	✓	✓
Cloud Storage	✓	✓	✓
3D Mouse	✓	✓	✓
ArcGIS Module	✗	✓	(7)
Associative Array	✓	✓	✓
CAD Standard	✓	✓	✗
Datalink	✓	✓	✗
Data extraction	✓	✓	✓
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	✓	✓	✓
Region	✓	✓	✓
Setting Migrations	✓	✓	✓
Smart mouse	✓	✓	✗
Smart select	✓	✓	✗
Smart voice	✓	✓	✗
Undo/Redo Preview	✓	✓	✗
Layout Export	✓	✓	✗
Application Programming Interfaces			
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's Block Editor is able to modify non-dynamic blocks only currently

(2) ZWCAD have a function called "Flexiblock", the way to create, edit, use flexiblock is exactly the same as dynamic blocok. NanoCAD only available to use dynamicblock.

(3) ProgeCAD's Multi Plot, similar to ZWCAD's Smart Plot, doesn't support to rename the output files with certain fields, plot entities in frames of different sizes as one pdf file,and automatically match the frame size with the paper size.

(4) ProgeCAD have the IFC Import feature,but the whole process takes a while. It sometimes fails to import IFC file and activate the BIM panel.

(5) ProgeCAD's quick properties panel can't custom information display in panel.

(6) ProgeCAD's point cloud function only available to attach and adjust visual style, unable to crop, create section plane and extract section line.

(7) ProgeCAD's Set Location function covers a part of ZWCAD's ArcGIS Module. It is not perfect in user interface and user interaction.