

	GstarCAD 2023		ZWCAD 2023	
Files	Pro	Std	Pro	Std
64-bit Support	✓	✓	✓	✓
.dwg and .dxf for AutoCAD version 2.5 to 2018	✓	✓	✓	✓
.pat,.shx,.lin and etc	✓	✓	✓	✓
Password Protection	✓	✓		
File Recover and Audit	✓	✓	✓	✓
Purge	✓	✓	✓	✓
Etransmit	✓	✓	✓	✓
Sheet Set manager	✓	✓	✓	✓
CAD Standard .dws	✓	✓	✓	✓
Xrefs in-place Editing	✓	✓	✓	✓
DWF Underlay	✓	✓	✓	✓
PDF Underlay	✓	✓	✓	✓
DGN Underlay	✓	✓		
DWG Convert	✓	✓		
Import to WMF, SAT, 3DS, DWF, DGN	✓	✓	Partially	Partially
Export to DWG, DWF, DWFX, WMF, EMF, SAT, STL, EPS, DXX,	✓	✓	Partially	Partially
Plot and Publish to PDF	✓	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	✓	✓
Collaboration	✓	✓		
IFC format	✓	✓	✓	✓
ACAD Tool Palettes Import Tool	✓	✓		
Single-document Mode	✓	✓	✓	✓
Digital Signature	✓	✓	✓	✓
Reset Settings to Default.	✓	✓	✓	✓
DWF Import	✓	✓	✓	✓
Interface	Pro	Std	Pro	Std
Quick Properties	✓	✓		
Hidden Message Settings	✓	✓	✓	✓
WorkSpace command	✓	✓		
Color Scheme	More	More	Less	Less
CUI Menus and Toolbars	✓	✓	✓	✓
CUI Import & Export	✓	✓		
Drag and Drop Customization	✓	✓	✓	✓
Visual Menu Customization	✓	✓	✓	✓
Ribbon / Classic	✓	✓	✓	✓
Properties Palettes	✓	✓	✓	✓
Design Center / Tool Palettes	✓	✓	✓	✓
Xref Palette	✓	✓	✓	✓
Command Line	✓	✓	✓	✓
Clean Screen	✓	✓	✓	✓
New Dynamic Input	✓	✓		
Menu bar	✓	✓	✓	✓
File Tab	✓	✓	✓	✓
Selection, Snap & Track	Pro	Std	Pro	Std
Navigation Cube	✓	✓		
SELECTIONCYCLING	✓	✓	✓	✓
Right-Click + Drag Method	✓	✓	✓	✓
Selection Preview	✓	✓	✓	✓
Quick Select	✓	✓	✓	✓
Select Similar	✓	✓	✓	✓
Xtra Grips for Pline & Hatch Objects	✓	✓	✓	✓
Osnap	✓	✓	✓	✓
Grid and Snap	✓	✓	✓	✓

Polar & OTrack	✓	✓	✓	✓
Distance from Endpoint and Divide Segments options	✓	✓		
Multifunctional Grips	✓	✓	✓	✓
Group	✓	✓	Different Method	Different Method
ADDSELECTED command	✓	✓		
Multiple command	✓	✓	✓	✓
Customizable Mouse Actions in CUI	✓	✓	✓	✓
Dimensions	Pro	Std	Pro	Std
DIMCENTER Command	✓	✓	Partially	Partially
Reassociate Dimension	✓	✓	✓	✓
DIMTOFFSET	✓	✓		
Rapid Distance	✓	✓		
Standard Dimensions	✓	✓	✓	✓
Associative Dimension	✓	✓	✓	✓
Quick Dimension	✓	✓	✓	✓
Qleader	✓	✓	✓	✓
Dimension Break	✓	✓	✓	✓
Multileaders	✓	✓	✓	✓
Text	Pro	Std	Pro	Std
Mtext supports Numbering, Superscript, Subscrip.....	✓	✓		
Text Align / Text Match	✓	✓		
Change Text	✓	✓		
Mtext	✓	✓	✓	✓
Text	✓	✓	✓	✓
Multi-language Character Set	✓	✓	✓	✓
In-place Text Editor	✓	✓	✓	✓
Mtext Editor	✓	✓	✓	✓
Support .shx and .ttf font	✓	✓	✓	✓
Spelling	✓	✓	✓	✓
Check spelling in Mtext	✓	✓		
Fields	✓	✓	✓	✓
Revcloud	✓	✓	✓	✓
Wipeout circle option	✓	✓	✓	✓
Rtext / Arc Text	✓	✓	ArcText	ArcText
Text Incremental Copy	✓	✓		
Text on line	✓	✓		
Statistics Summation	✓	✓		
Layers	Pro	Std	Pro	Std
Auto Layer	✓	✓		
Change to ByLayer (SETBYLAYER)	✓	✓		
Layer Properties Manager	✓	✓	✓	✓
Layer States Manager	✓	✓	✓	✓
Layer Translator	✓	✓	✓	✓
Layer Walk	✓	✓	✓	✓
Layer Previous	✓	✓	✓	✓
Layer Isolate	✓	✓	✓	✓
Layer Unisolate	✓	✓	✓	✓
Layer Lock	✓	✓	✓	✓
Layer Unlock	✓	✓	✓	✓
Layer Unlock All	✓	✓		
Lock Other Layers	✓	✓		
Layer Freeze	✓	✓	✓	✓
Freeze Other Layer	✓	✓		
Thaw All Layers	✓	✓	✓	✓
Layer Off	✓	✓	✓	✓

Off Other Layer	✓	✓		
Trun All Layers On	✓	✓	✓	✓
Layer Merge	✓	✓	✓	✓
Layer Delete	✓	✓	✓	✓
Layer Match	✓	✓	✓	✓
Viewport Layer	✓	✓	✓	✓
Hatch	Pro	Std	Pro	Std
Hatch objects from Tool Palettes	✓	✓	✓	✓
Gradient Hatches	✓	✓	✓	✓
Custom Patterns	✓	✓	✓	✓
Background and Color for Hatch Patterns	✓	✓	✓	✓
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓	✓
Superhatch	✓	✓	✓	✓
Transparency for Hatch	✓	✓	✓	✓
Trim/Extend/Hatch preview	✓	✓		
Raster images	Pro	Std	Pro	Std
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓	✓
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	Not support ECW	Not support ECW	Support ECW	Support ECW
Express Tools	Pro	Std	Pro	Std
Lockup (with password)	✓	✓	✓	✓
Layout Merge	✓	✓		
Synchronize Viewports	✓	✓		
Breakpoint Check (CLOSELINE)	✓	✓	✓	✓
Fast Select (FASTSEL)	✓	✓		
Change Base	✓	✓		
Layer Draw Order	✓	✓		
Area Table	✓	✓		
Break Object	✓	✓		
Graphic Compare	✓	✓		
Text Align / Text Match	✓	✓	Align Text	Align Text
Batpurge	✓	✓		
Layout by Path	✓	✓		
Line2pl	✓	✓		
Sptpl	✓	✓		
GstarCAD Tools	✓	✓		
Plot tools	✓	✓		
Drawing Compare	✓	✓	File Compare	File Compare
Delete Duplicate Objects (OVERKILL)	✓	✓	✓	✓
Others	Pro	Std	Pro	Std
CLIPIT Command	✓	✓		
Quick Edit Block Attribute Text	✓	✓		
System Variable Monitor	✓	✓		
Region	✓		✓	
Dataextraction	✓	✓	✓	✓
Datalink	✓	✓	✓	✓
Make Shape	✓	✓		
Import Layout as Sheet in Layout Context Menu	✓	✓		
Viewport Scale	✓	✓		
Attribute Increment (ATTINC)	✓	✓		
Define Layout Viewport from ModelSpace (M2LVPORT)	✓	✓		
Security	✓	✓		
Free Scale	✓	✓		
Hatch to Back	✓	✓	✓	✓
Reverse	✓	✓		

Synchronize Attributes (ATTSYNC)	✓	✓	✓	✓
Clip	✓	✓	✓	✓
ARRAY (Dynamic)	✓	✓	✓	✓
Align Tool / Arrange Tool	✓	✓		
Areasum	✓	✓	✓	✓
Table	✓	✓	✓	✓
Symmetric Draw	✓	✓		
Outline Objects	✓	✓		
Invert Fillet	✓	✓		
Draw and Modify Commands	✓	✓	✓	✓
Offset Multiple	✓	✓	✓	✓
Helix	✓	✓	✓	✓
Real Time Pan & Zoom	✓	✓	✓	✓
Annotative Objects	✓	✓	✓	✓
Object Scales	✓	✓	✓	✓
Redraw and Regeneration	✓	✓	✓	✓
Layout and Paper Space	✓	✓	✓	✓
Layout Viewport settings (Visual Styles)	✓	✓		
Magnifier	✓			
Barcode & QR Code	✓	✓	✓	✓
Non-rectangular Viewports	✓	✓	✓	✓
Shortcut Customization (CUSTACC)	✓	✓		
Match Properties Across Drawings	✓	✓	✓	✓
Multilines and Multiline Styles	✓	✓	✓	✓
Block Create and Insert	✓	✓	✓	✓
Block Attribute Definition	✓	✓	✓	✓
Redefine Block	✓	✓	✓	✓
Refedit	✓	✓	✓	✓
Hyperlink	✓	✓	✓	✓
Scale List	✓	✓	✓	✓
Dynamic Block Create/Insert/View/Edit	✓	Partially	Partially	Partially
Table Tools	✓	✓		
AutoXLSTable	✓	✓		
Pline Boolean	✓	✓		
SmartMouse			✓	✓
SmartVoice			✓	✓
Undo/Redo Preview	✓	✓	✓	✓
Invert Xclip	✓	✓	✓	✓
Table Formula	✓	✓	✓	✓
3D	Pro	Std	Pro	Std
POLYSOLID	✓			
PLANESURF	✓		✓	
SURFFOFFSET	✓			
CONVTOMESH	✓			
CONVTOSOLID	✓			
CONVTOSURFACE	✓			
CONVTONURBS	✓			
Point Cloud	✓	✓		
3D Edition Grips	✓		✓	
Section Plane	✓			
Flatshot	✓		✓	✓
3D Surfaces	✓	✓	✓	✓
ACIS Modeling & Editing	✓		✓	
3D Orbit options	✓	✓	Partially	Partially
Render	✓		✓	
Visual Styles Manager	✓			

Solid editing	✓		Partially	
Solprof / Solview / Soldraw	✓		Only Solprof	
Printing	Pro	Std	Pro	Std
CTB & STB Plot Style Files	✓	✓	✓	✓
Plot Styles Table Editor	✓	✓	✓	✓
Built-in Print Driver	✓	✓	Partially	Partially
Import & Editing of Page Setups	✓	✓	✓	✓
Publish	✓	✓	✓	✓
Hide and Shade Plot	✓	✓	Partially	Partially
Batch Print	✓	✓	✓	✓
Arrange Frame	✓	✓		
Programming	Pro	Std	Pro	Std
LISP Debugger	✓	✓	✓	✓
ActiveX, Including In-place Editing	✓	✓	✓	✓
Entity Data Editor	✓	✓	✓	✓
LISP Support with vl-, vlr-, vla- and vlax- support	✓	✓	✓	✓
LISP Encryption	✓	✓	✓	✓
Solutions Development System (SDS/ADS)	✓	✓	✓	✓
DCL / DCL engine / COM API	✓	✓	✓	✓
Visual Basic for Applications	✓	✓	✓	
VBA VBI Projects Support	✓	✓	✓	✓
.Net	✓	✓	✓	
GRX (GstarCAD Runtime eXtension)	✓	✓	ZRX	
CUI Menu Support and Diesel Expressions	✓	✓		
MNU and MNS File Support	✓	✓	✓	✓
API for Toolbar and Menu Customization	✓	✓	✓	✓
Licensing	Pro	Std	Pro	Std
Subscription	✓	✓		
Stand-alone USB dongle	✓	✓	✓	✓
Network USB dongle	✓	✓		
Stand-alone License (Flexnet)	✓	✓	✓	✓
Network License (Flexnet)	✓	✓	✓	✓

REMARKS

This table is for reference only

Empty space means functionally not supported

The package that contains LT version does not support BEDIT

Table comparison updated at Sep 1st 2022