

	GstarCAD 2022		AutoCAD 2022	
Files	Pro	Std	Com	LT
32-bit / 64-bit Support	✓	✓	✓	✓
.dwg/.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	✓	✓	✓	
DWF Underlay	✓	✓	✓	✓
PDF Underlay	✓	✓	✓	✓
DGN Import and Underlay	✓	✓	✓	✓
DWG Convert	✓	✓	✓	✓
Import to WMF, SAT, 3DS	✓	✓	✓	✓
Export to DWG, DWF, DWFX, WMF, SAT, STL, EPS, DXF, BMP,EMF	✓	✓	✓	✓
Plot and Publish to PDF	✓	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	✓	✓
Collaboration	✓	✓	Different	Different
IFC format	✓	✓		
Single-document Mode	✓	✓	✓	✓
Interface	Pro	Std	Com	LT
Quick Properties	✓	✓	✓	✓
Block Palette			✓	✓
Dark Theme	✓	✓	✓	✓
Hidden Message Settings	✓	✓	✓	✓
WorkSpace command	✓	✓	✓	✓
CUI Menus and Toolbars	✓	✓	✓	
CUI Import & Export	✓	✓	✓	✓
Drag and Drop Customization	✓	✓		
Visual Menu Customization	✓	✓	✓	✓
Ribbon/Classic	✓	✓	✓	✓
Properties Palettes	✓	✓	✓	✓
Design Center/Tool Palette/Xref Palette	✓	✓	✓	✓
Command Line	✓	✓	✓	✓
Clean Screen	✓	✓	✓	✓
Dynamic Input and Auto Complete	✓	✓	✓	✓
Clickable Command Line Options			✓	✓
File Tab	✓	✓	✓	✓
Selection, Snap & Track	Pro	Std	Com	LT
SELECTIONCYCLING	✓	✓	✓	✓
Right-Click + Drag Method	✓	✓	✓	✓
Selection Preview	✓	✓	✓	✓
Selection Effect Customization			✓	✓
Quick Select	✓	✓	✓	✓
Select Similar	✓	✓	✓	✓
Multifunctional Grips	✓	✓	✓	✓
Osnap	✓	✓	✓	✓
Grid and Snap	✓	✓	✓	✓
Polar & OTrack	✓	✓	✓	✓
Distance from Endpoint and Divide Segments	✓	✓		
Group	✓	✓	✓	✓
ADDSELECTED command	✓	✓	✓	✓

Multiple command	✓	✓	✓	✓
<b>Dimensions</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
DIMCENTER Command	✓	✓	Partially	Partially
Reassociate Dimension	✓	✓	✓	✓
Quick Measure	Rapid Distance	Rapid Distance	✓	✓
Standard Dimensions	✓	✓	✓	✓
Associative Dimension	✓	✓	✓	✓
Quick Dimension	✓	✓	✓	✓
Qleader	✓	✓	✓	✓
Dimension Break	✓	✓	✓	✓
Multileaders	✓	✓	✓	✓
Smart Dimensioning			✓	✓
<b>Text</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
Text Align / Text Match	✓	✓	Text Align	Text Align
Change Text	✓	✓		
Mtext	✓	✓	✓	✓
Mtext Superscript and Subscripts	✓	✓	✓	✓
Text	✓	✓	✓	✓
Multi-language Character Set	✓	✓	✓	✓
In-place Text Editor	✓	✓	✓	✓
Mtext Editor	✓	✓	✓	✓
Support .shx and .ttf font	✓	✓	✓	✓
Spelling	✓	✓	✓	✓
Check spelling in Mtext	✓	✓	✓	✓
Field	✓	✓	✓	✓
Revcloud	✓	✓	✓	✓
Wipeout Circle and Arc Options	✓	✓		
Text Incremental Copy	✓	✓		
Automatic Text Numbering	✓	✓	✓	✓
Text on line	✓	✓		
Statistics Summation	✓	✓		
<b>Layers</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
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	✓	✓	✓	✓
<b>Hatch</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>

Hatch objects from Tool Palettes	✓	✓	✓	✓
Gradient Hatches	✓	✓	✓	✓
Custom Patterns	✓	✓	✓	✓
Background and Color for Hatch Patterns	✓	✓	✓	✓
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓	✓
Superhatch	✓	✓	✓	
<b>Raster images</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓	✓
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	Not Support ECW	Not Support ECW	✓	✓
<b>Express Tools</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
Fast Select (FASTSEL command)	✓	✓	✓	✓
Change Base	✓	✓		
Layer Draw Order	✓	✓		
Stat, Blocks Number	✓	✓	Count Command	Count Command
Area Table	✓	✓		
Break Object	✓	✓		
Block Break	✓	✓		
Graphic Compare	✓	✓		
<b>Express Tools</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
Batpurge	✓	✓		
Layout by Path	✓	✓	Array Path	Array Path
Line2pl	✓	✓		
Sptpl	✓	✓		
GstarCAD Tools	✓	✓		
Plot tools	✓	✓		
Drawing Compare	✓	✓	DWG COMPARE	DWG COMPARE
Delete Duplicate Objects (OVERKILL)	✓	✓	✓	✓
Drawing Lock	✓	✓		
<b>Others</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
Region	✓		✓	✓
Make Shape	✓	✓	✓	✓
Import Layout as Sheet	✓	✓	✓	✓
Viewport Scale	✓	✓	✓	✓
Attribute Increment	✓	✓		
Define Layout Viewport from ModelSpace (M2LVPC)	✓	✓		
Security	✓	✓	✓	
Free Scale	✓	✓		
Hatch to Back	✓	✓	✓	✓
Reverse	✓	✓	✓	✓
Synchronize Attributes	✓	✓	✓	✓
Clip	✓	✓	✓	✓
Array Options	✓	✓	✓	✓
Align Tool / Arrange Tool	✓	✓		
Areasum	✓	✓		
Table	✓	✓	✓	✓
Symmetric Draw	✓	✓		
Outline Objects	✓	✓		
Smart centerlines/center marks			✓	✓
Invert Fillet	✓	✓		
Draw and Modify Commands	✓	✓	✓	✓
Offset Multiple	✓	✓	✓	✓
Helix	✓	✓	✓	✓
Real Time Pan & Zoom	✓	✓	✓	✓
SteeringWheels			✓	✓

Redraw and Regeneration	✓	✓	✓	✓
Layout and Paper Space	✓	✓	✓	✓
Layout Viewport settings	✓	✓	✓	✓
Magnifier	✓			
Barcode & QR Code	✓	✓		
Cloud Storage	✓	✓	✓	✓
Non-rectangular Viewports	✓	✓	✓	✓
Shortcut Customization(CUSTACC)	✓	✓		
Match Properties Across Drawings	✓	✓	✓	✓
Multilines and Multiline Styles	✓	✓	✓	
Block Create and Insert	✓	✓	✓	✓
Redefine Block	✓	✓	✓	✓
Block Attribute Definition	✓	✓	✓	✓
Refedit	✓	✓	✓	✓
Hyperlink	✓	✓	✓	✓
Digitizer Integration	✓	✓	✓	✓
Scale List	✓	✓	✓	✓
Dynamic Block Creat/ Insert/View	✓	✓	✓	✓
Dynamic Block Editor (BEDIT)	✓	Partially	✓	✓
Table Tools	✓	✓		
AutoXLSTable	✓	✓		
Pline Boolean	✓	✓		
Xref path repair			✓	✓
Undo/Redo Preview	✓	✓	✓	✓
<b>3D</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
POLYSOLID	✓		✓	
PLANESURF	✓		✓	
SURFFOFFSET	✓		✓	
CONVTOMESH	✓		✓	
CONVTOSOLID	✓		✓	
CONVTOSURFACE	✓		✓	
CONVTONURBS	✓		✓	
Point Cloud	✓	✓	✓	
3D Edition Grips	✓		✓	
Section Plane	✓		✓	
Flatshot	✓		✓	
3D Surfaces	✓	✓	✓	
ACIS Modeling & Editing	✓		✓	
3D Orbit options	✓	✓	✓	
Camera			✓	
Render	✓		✓	
Visual Styles Manager	✓		✓	
Solid editing	✓		✓	
Solprof / Solview / Soldraw	✓		✓	
<b>Printing</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
CTB & STB Plot Style Files	✓	✓	✓	✓
Plot Styles Table Editor	✓	✓	✓	✓
Built-in Print Driver	✓	✓	✓	✓
Import & Editing of Page Setups	✓	✓	✓	✓
Publish	✓	✓	✓	✓
Viewport Max			✓	✓
3D Print Studio			✓	
Hide and Shade Plot	✓	✓	✓	✓
Batch Print	✓	✓		
Arrange frame	✓	✓		

<b>Programming</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
Entity Data Editor	✓	✓	✓	
Action Recording and Action Macros			✓	
LISP vl-, vlr-, vla- and vlax	✓	✓	✓	
LISP Encryption	✓	✓	✓	
(SDS/ADS)	✓	✓	✓	
DCL / DCL engine / COM API	✓	✓	✓	
Visual Basic for Applications	✓	✓	✓	
VBA VBI Projects Support	✓	✓	DVB	
.Net Framework	✓	✓	✓	
GRX (GstarCAD Runtime eXtension)	✓	✓	ARX	
CUI Menu Support/Diesel Expressions	✓	✓	✓	✓
Diesel Expressions	✓	✓	✓	✓
MNU and MNS File Support	✓	✓	✓	✓
API (Toolbar & Menu Customization)	✓	✓	✓	
<b>Licensing</b>	<b>Pro</b>	<b>Std</b>	<b>Com</b>	<b>LT</b>
Subscription	✓	✓	✓	✓
Peperual License	✓	✓		
Stand-alone USB dongle	✓	✓		
Network USB dongle	✓	✓		
Stand-alone License	✓	✓	✓	✓
Network License	✓	✓		

## REMARKS

This table is for reference only.

Empty space means functionally not supported.

The GstarCAD package that contains LT version does not support BEDIT.

Table comparison updated at Aug 30th 2021.

