

	GstarCAD 2022		NanoCAD 20.0
<b>Files</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
32-bit / 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	✓	✓	Partially
CAD Standard .dws	✓	✓	
Xrefs in-place Editing	✓	✓	✓
DWF Underlay	✓	✓	✓
PDF Underlay	✓	✓	✓
DGN Import and Underlay	✓	✓	Only Import
DWG Convert	✓	✓	
Import to WMF, SAT, 3DS, DWF, DGN	✓	✓	Partially
Export to DWG, DWF, DWFX, WMF, EMF, SAT, STL, EPS, DXX,	✓	✓	Partially
Plot and Publish to PDF	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	✓
Collaboration	✓	✓	
IFC format	✓	✓	✓
ACAD Tool Palettes Import Tool	✓	✓	
<b>Interface</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
Quick Properties	✓	✓	
Hidden Message Settings	✓	✓	
WorkSpace command	✓	✓	
Color Schemes	✓ Support many	✓ Support many	
CUI Menus and Toolbars	✓	✓	✓
CUI Import & Export	✓	✓	
Drag and Drop Customization	✓	✓	
Visual Menu Customization	✓	✓	
Ribbon / Classic	✓	✓	
Properties Palettes	✓	✓	✓
Design Center / Tool Palettes	✓	✓	TOOLPALETES
Xref Palette	✓	✓	
Command Line	✓	✓	✓
Clean Screen	✓	✓	✓
New Dynamic Input	✓	✓	
Menu bar	✓	✓	
File Tab	✓	✓	✓
<b>Selection, Snap &amp; Track</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
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

ADDSELECTED command	✓	✓	✓
Multiple command	✓	✓	
Customizable Mouse Actions in CUI	✓	✓	
<b>Dimensions</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
Rapid Distance	✓	✓	
Standard Dimensions	✓	✓	✓
Associative Dimension	✓	✓	✓
Quick Dimension	✓	✓	✓
Qleader	✓	✓	✓
Dimension Break	✓	✓	✓
Multileaders	✓	✓	✓
<b>Text</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
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	✓	✓	
Text Incremental Copy	✓	✓	
Text on line	✓	✓	
Statistics Summation	✓	✓	
<b>Layers</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</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	✓	✓	✓
Viewport Layer	✓	✓	✓
<b>Hatch</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>

Hatch objects from Tool Palettes	✓	✓	✓
Gradient Hatches	✓	✓	✓
Custom Patterns	✓	✓	✓
Background and Color for Hatch Patterns	✓	✓	partially
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓
Superhatch	✓	✓	
Transparency for Hatch	✓	✓	
Trim/Extend/Hatch preview	✓	✓	
<b>Raster images</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
Raster Image Support (Clipping, Transparency, ...)	✓	✓	
Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...)	Not Support ECW	Not Support ECW	ECW and JPEG 2000 not supported
<b>Express Tools</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
Area Table	✓	✓	
Break Object	✓	✓	
Block Break	✓	✓	
<b>Express Tools</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
Graphic Compare	✓	✓	
Text Align / Text Match	✓	✓	
Change Text	✓	✓	
Batpurge	✓	✓	
Layout by Path	✓	✓	
Line2pl	✓	✓	
Sptpl	✓	✓	
GstarCAD Tools	✓	✓	
Plot tools	✓	✓	
Drawing Compare	✓	✓	✓
Delete Duplicate Objects (OVERKILL)	✓	✓	
Drawing Lock	✓	✓	
<b>Others</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
Region	✓		✓
Dataextraction	✓	✓	
Make Shape	✓	✓	
Import Layout as Sheet	✓	✓	
Viewport Scale	✓	✓	
Attribute Increment (ATTINC)	✓	✓	
Define Layout Viewport from ModelSpace (M2LVPORT)	✓	✓	
Security	✓	✓	
Free Scale	✓	✓	
Hatch to Back	✓	✓	
Reverse	✓	✓	✓
Synchronize Attributes (ATTSYNC)	✓	✓	✓
Clip	✓	✓	✓
Array Options	✓	✓	
Align Tool / Arrange Tool	✓	✓	
Areasum	✓	✓	
Table	✓	✓	✓
Symmetric Draw	✓	✓	
Outline Objects	✓	✓	
Invert Fillet	✓	✓	
Draw and Modify Commands	✓	✓	partially
Offset Multiple	✓	✓	✓
Helix	✓	✓	✓
Real Time Pan & Zoom	✓	✓	✓

Annotative Objects	✓	✓	✓
Object Scales	✓	✓	
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	✓	✓	✓
Block Attribute Definition	✓	✓	✓
Redefine Block	✓	✓	✓
Refedit	✓	✓	✓
Hyperlink	✓	✓	✓
Digitizer Integration	✓	✓	
Scale List	✓	✓	✓
Dynamic Block Create/Insert/View	✓	✓	partially
Dynamic Block Editor (BEDIT)	✓	✓ Partially	
Table Tools	✓	✓	
AutoXLSTable	✓	✓	
Pline Boolean	✓	✓	
Undo/Redo Preview	✓	✓	✓
Invert Xclip	✓	✓	
Table Formula	✓	✓	✓
<b>3D</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
POLYSOLID	✓		
PLANESURF	✓		
SURFFOFFSET	✓		
CONVTOMESH	✓		meshsmooth
CONVTOSOLID	✓		✓
CONVTOSURFACE	✓		
CONVTONURBS	✓		
Point Cloud	✓	✓	✓
3D Edition Grips	✓		
Section Plane	✓		FSHOT
Flatshot	✓		
3D Surfaces	✓	✓	✓
ACIS Modeling & Editing	✓		✓
3D Orbit options	✓	✓	Partially
Render	✓		
Visual Styles Manager	✓		
Solid editing	✓		Partially
Solprof / Solview / Soldraw	✓		
3D Constraints			✓
<b>Printing</b>	<b>Pro</b>	<b>Std</b>	<b>Pro</b>
CTB & STB Plot Style Files	✓	✓	✓
Plot Styles Table Editor	✓	✓	✓
Built-in Print Driver	✓	✓	✓
Import & Editing of Page Setups	✓	✓	
Publish	✓	✓	✓
Hide and Shade Plot	✓	✓	Partially
Batch Print	✓	✓	
Arrange Frame	✓	✓	

Licensing	Pro	Std	Pro
Subscription	✓	✓	✓
Perpetual License	✓	✓	
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 GstarCAD package that contains LT version does not support BEDIT.

Table comparison updated at Aug 30th 2021.