

GstarCAD vs ACAD

Files	GstarCAD 2021		AutoCAD 2021	
	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, DXX, BMP,EMF	✓	✓	✓	✓

Plot and Publish to PDF	✓	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	✓	✓
Collaboration	✓	✓	Different	Different
IFC format	✓	✓		
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	✓	✓	✓	✓
Dimensions	Pro	Std	Com	LT
Quick Measure by Hovering	Rapid Distance	Rapid Distance	✓	✓
Standard Dimensions	✓	✓	✓	✓
Associative Dimension	✓	✓	✓	✓
Quick Dimension	✓	✓	✓	✓
Qleader	✓	✓	✓	✓
Dimension Break	✓	✓	✓	✓
Multileaders	✓	✓	✓	✓
Smart Dimensioning			✓	✓
Text	Pro	Std	Com	LT
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	✓	✓	✓	✓
Revccloud	✓	✓	✓	✓
Wipeout	✓	✓	✓	✓
Text Incremental Copy	✓	✓		
Autobullets and Numbering	✓	✓	✓	✓
Text on line	✓	✓		
Statistics Summation	✓	✓		
Layers	Pro	Std	Com	LT
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	✓	✓	✓	✓
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	✓	✓	✓	✓
Hatch	Pro	Std	Com	LT
Hatch objects from Tool Palettes	✓	✓	✓	✓
Gradient Hatches	✓	✓	✓	✓
Custom Patterns	✓	✓	✓	✓
Background and Color for Hatch Patterns	✓	✓	✓	✓
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓	✓

Superhatch	✓	✓	✓	
Raster images	Pro	Std	Com	LT
Raster Image Support (Clipping, Transparency, ...)	✓	✓	✓	✓
Support Kinds of Image Files (bmp\jpg/png\tga\tif\gif\ pcx\...)	ECW & JPEG 2000 not support ed yet	ECW & JPEG 2000 not support ed yet	✓	✓
Express Tools	Pro	Std	Com	LT
Area Table	✓	✓		
Break Object	✓	✓		
Block Break	✓	✓		
Graphic Compare	✓	✓		
Express Tools	Pro	Std	Com	LT
Batpurge	✓	✓		
Layout by Path	✓	✓	Array path	Array path
Line2pl	✓	✓		
Sptpl	✓	✓		
GstarCAD Tools	✓	✓		
Plot tools	✓	✓		

Drawing Compare	✓	✓	DWG COMPA RE	DWG COMPA RE
Delete Duplicate Objects (OVERKILL)	✓	✓	✓	✓
Drawing Lock	✓	✓		
Others	Pro	Std	Com	LT
Region	✓		✓	✓
Make Shape	✓	✓	✓	✓
Import Layout as Sheet	✓	✓	✓	✓
Viewport Scale	✓	✓	✓	✓
Attribute Increment	✓	✓		
Define Layout Viewport from ModelSpace (M2LVPORT)	✓	✓		
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(CUSTA CC)	✓	✓		
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	✓	✓	✓	✓
3D	Pro	Std	Com	LT

POLYSOLID	✓		✓	
PLANESURF	✓		✓	
SURFOFFSET	✓		✓	
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	✓		✓	
Printing	Pro	Std	Com	LT

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	✓	✓		
Programming	Pro	Std	Com	LT
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)	✓	✓	✓	
Licensing	Pro	Std	Com	LT
Subscription	✓	✓	✓	✓
Peperual License	✓	✓		
Stand-alone USB dongle	✓	✓		
Network USB dongle	✓	✓		
Stand-alone License	✓	✓	✓	✓
Network License	✓	✓		