

Comparison: nanoCAD VS AutoCAD

Comparison	nanoCAD11 (Plus/Pro)	AutoCAD 2020	AutoCAD 2020 LT
Fundamental Tools & User Interface			
User interface	Ribbon + Classic	Ribbon	Ribbon
Multiple document mode	YES	YES	YES
File tabs	YES	YES	YES
Layer, block and linetype managers	YES	YES	YES
Object snap, object tracking and polar snap	YES	YES	YES
AutoCAD command syntax	YES	YES	YES
Command line: autohide mode, changing parameters(font, color and height) s(font, color and height)	YES	YES	YES
Clickable command line options	YES	YES	YES
Autocomplete of entered commands	YES	YES	YES
SHX and TTF fonts	YES	YES	YES
Auto recover of drawings	YES	YES	YES
Unlimited Undo/Redo	YES	YES	YES
Aliases, menu and toolbars settings	YES	YES	YES
Select similar objects	YES	YES	YES
Select overlapped and superimposed objects	YES	YES	YES
User coordinate systems	YES	YES	YES
External references	YES	YES	YES
Linetype editor	YES	NO	NO
Creation of viewport from model space	YES	NO	NO
Dynamic blocks	NO	YES	YES
Dynamic input	YES	YES	YES
2D & 3D Drawing			
Display properties of object under cursor	YES	YES	YES
Notepad for text data exchange	YES	NO	NO
Calculator	YES	YES	YES
Multifunctional Grips	YES	YES	YES
Associative Dimensions	YES	YES	YES
Associative Hatches	NO	YES	YES
Additional Commands for Layers	YES	YES	NO
AutoCAD-style tables	YES	YES	YES

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Excel-style table editor	YES	NO	No
Data extraction to tables	YES	Yes	No
Table data sources	MS-SQL, MS-Access, Excel, txt, xml	Excel	Excel
3D History	Pro	NO	NO
3D Views	YES	Yes	Yes
3D Polyline	YES	YES	YES
Orbit Command	YES	YES	NO
3D Operation with solid editing	Pro	YES	No
Display of 3D-drawings	YES	YES	YES
Additional Tools			
Parametric 2D-design	PRO	YES	YES
Library objects with behavioural properties	Dynamic Blocks (no creation)	Dynamic Bocks	NO
Adding dialogs to control object behaviour	Using external programming	Using external programming	NO
Editing of external references	YES	YES	YES
Creation of mesh objects	YES	YES	NO
Switching of visual styles	YES	YES	NO
Model space and paper space	YES	YES	YES
Viewports	YES	YES	YES
Tool palettes	YES	YES	YES
Object transparency	YES	YES	YES
Color Dependent printing (CTB)	YES	YES	YES
Batch plot	YES	YES	NO
Print to PDF	YES	YES	YES
Print to PLT	YES	YES	YES
Sheet sets	YES	YES	YES
IFC import	YES	NO	NO
PDF underlay	YES	YES	YES
Operations with raster images	YES	YES	YES
Raster Mirror/Rotate/Deskew/Crop	YES	NO	NO
Raster four-point calibration	YES	NO	NO

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Raster clean-up (Draw/Erase)	YES	NO	NO
Raster object snap	YES	NO	NO
Customization			
OLE Automation (Visual Basic Script/JavaScript)	YES	YES	NO
Visual Basic for Applications	NO	YES	NO
LISP (with DCL)	YES	YES	NO
C++	NRX	ARX	ARX
.NET	YES	YES	NO
Support for multiple profiles	YES	YES	NO
Supported platform version 32 and 64	YES	Only 64 bit	Only 64 bit
Network Licensing	YES	YES	NO