

Archicad 24 Feature Comparison

Design Tools		Teamwork	Solo
Wall	Basic, Slanted, Curved, Composite, Complex Profile	✓	✓
Column	Rectangular, Circular, Complex Profile, Multi-Segmented	✓	✓
Beam	Rectangular, Circular, Complex Profile, Multi-Segmented	✓	✓
Slab	Basic, Complex Profiles	✓	✓
Roof	Basic, Composite, Single-Plane, Multi-Plane	✓	✓
Shell	Basic, Composite, Extruded, Revolved, Ruled	✓	✓
Stair	Monolithic, Beam, Cantilevered, Stringers, Treads, Risers, Landings	✓	✓
Railing	Rails, Posts, Balusters, Panels	✓	✓
Curtain Wall	Frames, Panels, Junctions, Sun Shades	✓	✓
Opening Tools	Window, Door, Skylight, Opening, Corner Window	✓	✓
Zone	Polygonal, Rectangular, Inner Edge, Reference Line (Gross or Net)	✓	✓
Mesh	Polygonal, Rectangular, Regular Sloped	✓	✓
Morph	Polygonal, Rectangular, Curved, Box, Revolved	✓	✓
Object	Furnishing, Building Structures, Special Constructions, Mechanical, 2D Elements, Site, People	✓	✓
Lamp	Light Source, Interior Lamp, Street Lamp	✓	✓
Equipment	Ductwork, Pipework, Electrical, Equipment, Plumbing	✓	✓
Wall End	Cased, Returned, Bullnose, Chamfer, Pointed, Wrapped	✓	✓
Viewpoint Tools		Teamwork	Solo
Section	Single, Staggered, Infinite Depth, Limited Depth, Zero Depth	✓	✓
Elevation	Single, Staggered, Infinite Depth, Limited Depth	✓	✓
Interior Elevation	Single, Polygonal, Rectangular, Rotated Rectangular, Infinite Depth, Limited Depth	✓	✓
Detail	No Boundary, Polygonal, Rectangular, Rotated Rectangular	✓	✓
Worksheet	No Boundary, Polygonal, Rectangular, Rotated Rectangular	✓	✓
Camera	Camera, Path	✓	✓
Document Tools		Teamwork	Solo
Dimension	Linear, Cumulative, Base-Line, Elevation, Arc Length	✓	✓
Level Dimension	Project Zero, Altitude, Reference Levels	✓	✓
Radial Dimension	With Centerpoint, Without Centerpoint	✓	✓
Angle Dimension	Inner Dimension, Outer Dimension	✓	✓
Text	Text, Autotext	✓	✓
Label	Text, Autotext, Classifications, Properties, Components, Composite or Profile, Dimension, Door or Window, Elevation, Opening, Skin List, Stair Description, Stair Dimension, Surface, Custom	✓	✓
Grid Element	Straight, Curved	✓	✓
Change	Cloud, Marker, Polygonal, Rectangular, Rotated Rectangular, Circular	✓	✓
Fill	Drafting Fill, Cover Fill, Cut Fill, Building Material	✓	✓
Line Tools	Line, Arc, Circle, Polyline	✓	✓
Spline	Natural, Bézier, Freehand	✓	✓
Hotspot		✓	✓
Figure		✓	✓
Drawing	Local, Internal View	✓	✓
	From BIMcloud*	✓	X
MEP Tools		Teamwork	Solo
Ductwork	Duct, Flexible Duct, Bend, Transition, Tee, Take-off, Wye, Fittings, Terminal, In-line, Equipment	✓	✓
Pipework	Pipe, Bend, Transition, Tee, Take-off, Wye, Fittings, Terminal, In-line, Equipment	✓	✓
Cabling	Cable Carrier, Bend, Reducer, Tee, Fittings	✓	✓
Structure Tools		Teamwork	Solo
Structural Support	Global Coordinate System, Local Coordinate System	✓	✓
Structural Link	1D Link, Surface Link, Rigid, Spring	✓	✓

*With BIMcloud only (not BIMcloud Basic)

**With EcoDesigner Star add-on

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Modelling Attributes	Teamwork	Solo
Surfaces and textures	✓	✓
CineRender surfaces	✓	✗
Additional surface catalogs	✓	✓
Materials	✓	✓
Composites	✓	✓
Complex profiles	✓	✓
Standard steel profiles	✓	✓

Visualisation	Teamwork	Solo
Surface painter	✓	✓
Graphic overrides	✓	✓
Trace & reference	✓	✓
Real-time 3D cutting planes	✓	✓
BIMx (iOS and Android)	✓	✓
STL export (3D printing)	✓	✓
Partial structure display	✓	✓
Basic renderer	✓	✓
Sketch renderer	✓	✓
CineRender (Cinema 4D engine)	✓	✗
Twinmotion 2020	✓	✗

Workflow	Teamwork	Solo
Graphical favourites	✓	✓
Single-storey hotinks	✓	✗
Multi-storey hotinks	✓	✗
Hotlink from BIMcloud	✓	✗
RoofMaker and roof wizard	✓	✓
Collision detection	✓	✓
Model comparison	✓	✓
Physical model checking	✓	✓
Structural analytical model checking	✓	✓
Supersafe autosave	✓	✓

Documentation	Teamwork	Solo
Revision management	✓	✓
Renovation	✓	✓
Element schedules (e.g. window/door lists)	✓	✓
Component and surface schedules	✓	✓
Project indexes	✓	✓
Automatic dimensioning	✓	✓
PDF layer support	✓	✓
Linework and fill management	✓	✓
3D Documents (annotated 3D views)	✓	✓
Drawing layout sheets	✓	✓
Place views/drawings:		
...from current project	✓	✓
...from external projects	✓	✗
...from BIMcloud projects	✓	✗
Issue management (markup) tools	✓	✓
Publisher sets	✓	✓
Publish to BIMcloud*	✓	✗
NBS Chorus Link	✓	✓

*With BIMcloud only (not BIMcloud Basic)

**With EcoDesigner Star add-on

Data Exchange	Teamwork	Solo
Export schedules to Excel	✓	✓
PDF import/export	✓	✓
DWG and DXF import/export	✓	✓
External drawings (PDF, DWG, images)	✓	✓
External drawings from BIMcloud*	✓	✗
Xrefs	✓	✗
IFC import/export	✓	✓
Hotlink IFC files	✓	✗
Hotlink IFC files from BIMcloud*	✓	✗
Import Revit families (RFA) as Objects	✓	✓
Hotlink Revit (RVT) files	✓	✗
Hotlink Revit (RVT) files from BIMcloud*	✓	✗
Publish Revit (RVT) files	✓	✓
Import Rhino models	✓	✓
Hotlink Rhino models	✓	✗
Hotlink Rhino models from BIMcloud*	✓	✗
Point cloud file import	✓	✓
Import surveyor data as mesh	✓	✓
BIM Collaboration Format (BCF)	✓	✓
Structural Analysis Format (SAF)	✓	✓

Library Management	Teamwork	Solo
Embedded libraries	✓	✓
External linked libraries	✓	✓
Library container files (.lcf)	✓	✓
BIMcloud libraries	✓	✗
Library migration and consolidation	✓	✓
BIMcomponents & BIMobject Integration	✓	✓

Energy Evaluation	Teamwork	Solo
Integrated energy evaluation tool	✓	✓
PHPP and gbXML data export	✓	✓
Thermal bridge simulation**	✓	✓
On-site PV and wind energy**	✓	✓

Teamwork	Teamwork	Solo
Local BIMcloud (BIMcloud Basic)	✓	✗
Hosted BIMcloud (SAAS)*	✓	✗
Element reservation	✓	✗
Team messaging	✓	✗
Remote project management	✓	✗
User and role management	✓	✗
Team management*	✓	✗
Delta server data exchange	✓	✗
Change tracking*	✓	✗
Project snapshots and rollback	✓	✗

Licensing	Teamwork	Solo
Single licence - hardware key (dongle)	✓	✓
Single licence - soft key (download)	✓	✓
Network licences	✓	✗
Licence borrowing	✓	✗