

Autodesk® Revit® LT™ 2017 vs. Autodesk® Revit® 2017

# Comparison matrix

	Autodesk® Revit® LT™ 2017	Autodesk® Revit® 2017
<b>DEPLOYMENT AND INSTALLATION</b>		
Standalone Installation	✓	✓
Network deployment		✓
<b>ARCHITECTURAL MODELING</b>		
Walls, curtain walls, floors, roofs, ceilings, and columns	✓	✓
Loadable family components (doors, windows, etc.)	✓	✓
Design options	✓	✓
Rooms and areas	✓	✓
Site modeling	✓	✓
Stairs and ramps	✓	✓
Railings	✓	✓
<b>CONSTRUCTION MODELING</b>		
Parts		✓
Assemblies		✓
<b>STRUCTURAL MODELING</b>		
Structural walls, floor slab	✓	✓
Structural foundation wall and Isolated	✓	✓
Structural columns, beams, and braces	✓	✓
Slanted columns		✓
Trusses		✓
Advanced Steel Connections for Revit*		✓
Reinforcement, Rebar modeling		✓
<b>MEP Modeling</b>		
HVAC duct systems		✓
Mechanical equipment		✓
Piping and plumbing systems		✓
Fabrication Parts		✓
Electrical and lighting systems		✓

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<b>ADVANCED MODELING</b>		
Create groups for repeating elements	✓	✓
Family editor environment	✓	✓
In-place modeling (walls only for Revit LT)	✓	✓
Shaped Edited Floors and Roofs		✓
Global Parameters		✓
Conceptual massing, adaptive components		✓
<b>PRESENTATION AND VISUALIZATION</b>		
Sketchy Lines	✓	✓
Shadows and ambient Shadows	✓	✓
Architectural Depth Cueing	✓	✓
Displaced elements	✓	✓
Realistic view styles	✓	✓
Orthographic and perspective views, walk-throughs	✓	✓
Smooth lines with anti-aliasing	✓	✓
Occlusion Culling	✓	✓
Cloud Rendering*	✓	✓
Photorealistic Materials	✓	✓
In Product Rendering		✓
Decals		✓
Autodesk Raytracer (in-canvas rendering)		✓
<b>ANALYSIS *SUBSCRIBER OR MAINTENANCE PLAN ENTITLEMENT</b>		
A360 Energy Analysis for Revit*		✓
Insight 360 for Revit*		✓
Area analysis		✓
Analytical model		✓
Structural loads and boundary conditions		✓
Structural Analysis for Revit*		✓
Heating and cooling loads		✓
Massing studies		✓
Solar studies		✓

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<b>DOCUMENTATION</b>		
2D detail lines, 2D detail components	✓	✓
Revision tracking	✓	✓
Dimensioning, tagging, Annotation, and Text	✓	✓
Phasing	✓	✓
Schedules, material takeoff	✓	✓
Embedded Schedules		✓
Panel Schedules, Duct and Pipe Pressure loss reports		✓
View filters		✓
Graphical Column Schedules		✓
<b>COLLABORATION</b>		
Interference checking, copy/monitor		✓
Worksharing (multiuser environment)		✓
Shared coordinates among projects		✓
Use with Revit® Server		✓
Use with A360 Collaboration for Revit® (subscription required)		✓
<b>LINKING AND WORKING WITH OTHER REVIT FILES</b>		
Open and work with all Revit file types (RVT, RFA, RTE created in Revit or Revit LT)	✓	✓
Link files from other Revit applications	✓	✓
Tag and schedule elements in link files	✓	✓
Copy/Paste elements from links		✓
Customize the visibility of linked models		✓
<b>LINKS/IMPORTS OTHER FORMATS</b>		
DWG™, DXF™ file format, TrustedDWG™ technology	✓	✓
Images (JPG, JPEG, BMP, PNG, TIFF)	✓	✓
IFC	✓	✓
DGN, SketchUp®, DWF® markup	✓	✓
Point clouds		✓

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<b>EXPORTS</b>		
DWG, DXF, DGN, DWF, DWFx	✓	✓
Walk-throughs and images, FBX®, NWC	✓	✓
Room/Area Reports, Schedules	✓	✓
Solar studies	✓	✓
IFC	✓	✓
SAT, ADSK, gbXML, ODBC, family types		✓
<b>APPLICATION PROGRAMMING INTERFACE (API)</b>		
Application programming interface (API) SDK		✓
3rd Party API add-ins		✓
Macros		✓
Dynamo for Revit®		✓
<b>ADD-INS (* SUBSCRIBER OR MAINTENANCE PLAN ENTITLEMENT)</b>		
Roombook/Areabook/Buildingbook*	✓	✓
Autodesk® Site Designer*		✓
Autodesk® FormIT® 360 Converter		✓
Batch Print*		✓
eTransmit*		✓
Model Review*		✓
DB Link*		✓
STL Exporter*		✓
Autodesk® Revit® Extensions*		✓

\*This cloud service is available to Autodesk subscribers or maintenance plan customers of Autodesk Revit and suites containing Revit software during the term of their Subscription.