

AutoCAD® vs. AutoCAD LT® 2011

Comparison Matrix

	AutoCAD 2011	AutoCAD LT 2011
LEGEND		
✓	Feature supported	
X	Feature not supported	
USER INTERFACE		
ViewCube®	✓	X
Graphical User Interface	✓	✓
Workspaces	✓	✓
Initial Setup	✓	✓
Dynamic Input	✓	✓
DOCUMENT		
Express Tools	✓	X
Sheet Sets	✓	X
Parametric Drawing	✓	X
Data Extraction to Tables (Block Attributes and Objects)	✓	X
Constraint Parameters in Dynamic Blocks	✓	X
Dynamic Blocks	✓	✓
Tool Palettes	✓	✓
QuickCalc Calculator	✓	✓
Annotation Scaling	✓	✓
Layer Properties per Viewport	✓	✓
Nonrectangular Viewports	✓	✓
Tables	✓	✓
Linking Tables with Microsoft® Excel®	✓	✓
Extract Attributes to a Text File	✓	✓

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CONCEPTUAL DESIGN & 3D MODELING		
3D Solid Modeling	✓	X
3D Surface Modeling	✓	X
3D Mesh Modeling	✓	X
Free-Form Modeling	✓	X
Dynamic User Coordinate System (DUCS)	✓	X
Point Clouds	✓	X
Interference Checking	✓	X
Analysis Tools	✓	X
Section Planes/Cuts	✓	X
Flatten 3D Geometry to 2D	✓	X
Perspective Views	✓	X
Walk-Through Navigation	✓	X
PRESENTATION		
Photorealistic Rendering	✓	X
Lights (Photometric)	✓	X
Materials	✓	X
Cameras	✓	X
Display Modes (Visual Styles, Transparency, Edge Effects)	✓	X
Transparent Solids	✓	X
Real-Time Shadows	✓	X
Animations	✓	X
Shaded/Rendered Plotted Output	✓	X
Autodesk® Impression (Subscription Only)	✓	X
CUSTOMIZE		
Support for LISP Applications	✓	X
Support for ObjectARX® (C++, C#, and VB .NET)	✓	X
Action Recorder	✓	X
Support for CUI Customization	✓	✓

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COMMUNICATE		
Publish a 3D DWF™ File	✓	X
Print to an STL File (for 3D printing)	✓	X
Create Transmittal Sets	✓	✓
Digital Signatures and Passwords	✓	✓
Communication Center	✓	✓
Manage DWF Markups	✓	✓
Save as AutoCAD® Release 14 DWG™	✓	✓
Publish to a multi-sheet DWF	✓	✓
Publish to a multi-sheet PDF	✓	✓
Publish to a Plotter	✓	✓
Publish a Web Page	✓	✓
Autodesk® Buzzsaw® Integration	✓	✓
Autodesk® Seek	✓	✓
REFERENCE		
Overlay or Attach a DWG	✓	✓
Use DGN, DWF, or PDF as an Underlay	✓	✓
Clip an External Reference	✓	✓
SOFTWARE MANAGEMENT		
Network Licensing	✓	X
CAD Standards Tools	✓	X
Support for Multiple Profiles	✓	X
Autodesk® Vault (Subscription Only)	✓	X
Autodesk Asset Locator	✓	✓
Migrate Customized Settings	✓	✓
Online License Utility	✓	✓

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OPERATING SYSTEM SUPPORT		
Windows® 7 Home Premium	✓	✓
Windows 7 Professional	✓	✓
Windows 7 Enterprise and Ultimate	✓	✓
Support for 64-bit Operating Systems	✓	✓
Windows Vista® Ultimate	✓	✓
Windows Vista Business	✓	✓
Windows Vista Home Premium and Home Basic	✓	✓
Windows Vista Enterprise	✓	✓
Windows XP Home Edition	✓	✓
Windows XP Professional (SP2)	✓	✓

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