
AutoCAD Crack Product Key Full [32/64bit]

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AutoCAD Free

Basic Features of AutoCAD With over 30 years of development and a thriving, passionate user community, AutoCAD's features are continually being upgraded. The most basic feature of AutoCAD is its ability to edit and draw 2D geometry and 2D and 3D objects. Features Some of the most basic features of AutoCAD are listed below:

- Drafting – Drawing, plotting, and creating geometry – Drawing, plotting, and creating geometry
- Animation – Creating animation sequences to animate objects. – Creating animation sequences to animate objects.
- Dimensioning – Creating, editing, and modifying dimensions for 2D and 3D objects – Creating, editing, and modifying dimensions for 2D and 3D objects
- AEC – Creating, editing, and modifying the geometry of a facility – Creating, editing, and modifying the geometry of a facility
- Mechanical – Creating, editing, and modifying equipment and mechanical components – Creating, editing, and modifying equipment and mechanical components
- Electrical – Creating, editing, and modifying electrical equipment and electrical components – Creating, editing, and modifying electrical equipment and electrical components
- Topology –Creating and editing topology data in AutoCAD –Creating and editing topology data in AutoCAD
- Design – Designing and drafting, including assembly and installation instructions – Designing and drafting, including assembly and installation instructions
- Rendering – Creating, rendering, and displaying graphics, such as pictures, diagrams, and other graphics – Creating, rendering, and displaying graphics, such as pictures, diagrams, and other graphics
- 3D – Creating 3D objects in 2D, 3D, and true 3D – Creating 3D objects in 2D, 3D, and true 3D
- 2D Objects – Creating, editing, and modifying 2D objects – Creating, editing, and modifying 2D objects
- Diagrams – Creating and editing 2D and 3D diagrams – Creating and editing 2D and 3D diagrams
- Objects – Creating, editing, and modifying objects such as solid, surface, wireframe, point, and so on – Creating, editing, and modifying objects such as solid, surface, wireframe, point, and so on
- Analysis – Calculating, optimizing, and analyzing 2D and 3D objects – Calculating, optimizing, and analyzing 2D and 3D objects
- Reporting – Creating 2D and 3D reports

Creating A Building AutoCAD offers you a

AutoCAD Crack

Model exchange AutoCAD supports a number of products to exchange models. These include the Drawing Exchange Format (DXF), 3D Exchange Format (3DX), and AutoCAD Anywhere. AutoCAD's drawing exchange format, DXF, supports 2D and 3D modeling. The native 2D DXF format is capable of representing 2D orthographic drawings, as well as both 2D and 3D isometric drawings, though the 3D DXF format does not support isometric drawings. DXF is an ASCII text format, which does not allow editing of individual entities within a drawing. A similar, but proprietary format, called dxfRevit, is used for Autodesk Revit. AutoCAD uses the 3D Exchange Format (3DX) format to exchange 3D data. The native 3D format is capable of representing 3D geometric solids, 3D surfaces, 3D line drawings, and 3D point clouds. 3DX can be saved as both 2D and 3D DXF files. Some 3D components, such as meshes and surfaces, can also be imported or exported as polylines or splines, allowing users to create and modify meshes and surfaces using other tools. 3DX is a binary format, which means that each entity is stored as a separate block of data, allowing editing of individual entities in a drawing. AutoCAD's 3D modeling software, 3D Studio, supports Exchange of models via Autodesk Exchange Apps. A 3D repository can be used to store CAD models and associated data. AutoCAD uses the 3D repository product to exchange models with other software and applications, such as Autodesk Revit. Autodesk Exchange Apps allow Autodesk to create applications that export and import files using the 3DX format. Autodesk Exchange Apps allows Autodesk to create applications that export and import 3D models. Machine documentation Autodesk Exchange Apps allows Autodesk to create applications that export and import drawings using the DXF format. Pointcloud and surface modeling Autodesk Exchange Apps allows Autodesk to create applications that export and import point cloud data and surfaces. Curve and surface modeling Autodesk Exchange Apps allows Autodesk to create applications that export and import curve and surface data. Mechanical design AutoCAD Mechanical provides a command for creating custom mechanical designs. This tool can create for example 2D or 3D mechanical drawings. The command creates drawings in the a1d647c40b

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What's New in the?

Use AutoCAD to do what you do best—and still have the flexibility to use external applications to enhance and make better use of your work. (video: 1:22 min.) Get ready to edit your drawings with AutoCAD 2023. With the Edit Data assistant, you can edit data easily and efficiently. And with the new Import Data Assistant, you can edit and store data. (video: 1:18 min.) Watch a preview of the changes to the updated AutoCAD Software Licensing with AutoCAD 2023. For commercial users, we're pleased to let you know that we've removed the restriction on adding a non-contingent license to the current version of AutoCAD—our most popular version of the software. (video: 1:09 min.) New 3D Navigation dialog: Interactively and logically navigate a 3D scene with the new 3D Navigation dialog. Simply click on the space you're interested in and move or rotate the camera freely within the layout. For more information, please see our video tutorial at (video: 1:48 min.) Enhanced text editing: Can you really do more with text in AutoCAD than you did before? With the new Text functions, you can. These new Text functions help you to easily edit and manipulate your text and apply text effects like shadowing and bolding. You can also use the new Text Assistant to automatically adjust the size of the font to match the surrounding text when you paste a new text in your drawing. (video: 1:23 min.) Make your selections more accurate with the new Select by Shape tool. With this tool, you can quickly select specific parts of a shape, instead of just selecting the overall shape. This is especially useful when you want to add or modify the shape in the drawing. For more information, please see our video tutorial at (video: 1:09 min.) Make robust text edits with the new Text Editor. You can now edit and manipulate your text in ways that are much more precise than before, with better results. With this tool, you can easily trim or change the lines, indent and merge features of your text, and more. For more information, please see our video tutorial at

System Requirements:

Windows XP/Windows 7/Windows 8 64-bit Operating System OS: Win7 or later

Processor: Intel or AMD Memory: 2 GB RAM HDD: 10GB free space Network:

Broadband connection Input Devices: Keyboard & Mouse Video Card: Intel / AMD / nVidia card compatible with DirectX11 Sound Card: DirectX Compatible sound card (DirectX 10 / DirectX 11) Screens: 1280 x 720 or higher resolution