
AutoCAD Crack (2022)

Download

AutoCAD Crack Product Key [Mac/Win]

AutoCAD is used by a variety of industries, including architecture, engineering, and construction. Software based on AutoCAD consists of an extensive series of objects, which are the building blocks of a design. The design can be represented by a collection of objects, called entities, which are connected together. Each entity has a variety of properties (including shape and size), and attributes that describe how the object will be processed by the other software. Once an entity has been created, the user can create and edit the properties of the object. What Is AutoCAD? AutoCAD is one of the most popular and widely used application programs for the design and drafting of architectural, engineering, and construction projects. The program is released in both a desktop (Lite) version and a professional (Premium) version. AutoCAD lite is designed to be used by individuals for basic tasks such as creating line drawings. AutoCAD lite is the primary product at Autodesk's corporate headquarters. AutoCAD premium has more functions and is designed for more sophisticated drafting and design tasks. AutoCAD lite users have the option of purchasing the software upgrades that include additional features and add-ons for an AutoCAD premium license. History Autodesk acquired the rights to AutoCAD software in 1991. In the late 1980s, CAD was very expensive, limited to certain industries, and difficult to use. If there was a problem with the computer, the drawing was lost. Engineers, architects, and drafters had to manually combine architectural elements and components, either with the use of hand tools or by using a drafting table and drafting compass. The architecture and drafting industry became frustrated with these time-consuming manual methods. AutoCAD was introduced as a much-anticipated alternative to other CAD systems. The first commercially released version of AutoCAD was released on December 14, 1982. It was developed by Hoki (a division of Autodesk) in collaboration with Dr. Stephen Kamb at Carnegie Mellon University. At its initial release, AutoCAD was used to model objects using a graphic interface (Hoki and Kamb 1981). Until the 1990s, AutoCAD was used to model 3D drawings and plans. The idea was to capture the design in a single file that would be viewable by anyone at a design review (DRC) site. However, the introduction of Auto

AutoCAD Crack+ Full Version [Mac/Win] (April-2022)

Drawings in AutoCAD Crack Mac can be layered. The drawing itself can be "off," for example, when it is printed. The screen can be "off," for example, when it is transferred to a scanner or film. This allows the drawing to be used as a database where the screen is "off" and the drawing itself is "on." The drawing itself can be put "on" when someone uses the drawing in another application, such as printing, scanning, screen capture, etc. Along with the ability to create multiple screens and views for a drawing, the drawing can be edited in two different modes. The object mode is for viewing the drawing, and the drawing mode is for editing the drawing. The drawing is a collection of objects (polylines, circles, arcs, etc.). The objects can have attributes such as location, dimension, type (shape, area, line, polyline, arc, circle, etc.), color, linetype, and name. For example, a line object could have a name, the type of line, color, and thickness. The drawing is organized in units called sheets. A sheet represents a layer of the drawing. The drawing is divided into a large number of sheets, each representing one or more layers of the drawing. Each sheet has an associated group. A group is a set of shapes (polylines, polylines with text, arcs, circles, etc.) that can be used as a single unit. Groups can be nested within other groups. In essence, groups are like containers for a collection of objects. For example, a company logo can be placed on several layers in the drawing, and in a single group. The group allows a single shape to be used multiple times, so there is no need to draw the logo multiple times. Drawings can be linked together using layers, groups, and sheets. The entire drawing can also be linked together using a shared shape. A shape is a container that is used to group objects. The View ribbon is used to open, manage and edit views of a drawing. The User preferences are used to adjust drawing settings. The Preferences ribbon is used to adjust general user preferences. User preferences include: Configure keyboard shortcuts Customize ribbon and menu bar appearance Change where system help information appears Change the default units and fonts Customize units and fonts (scaling and density) Use a custom legend (a list of common symbols or instructions used to reference common objects) Add custom a1d647c40b

AutoCAD Crack Activator (Final 2022)

Save the path where you extracted this patch SET PATHPATH= # Click here to download the Autodesk Patch Tool.

What's New in the?

Built-in Markup Assistant makes it simple to edit and manage object properties in your drawing. Edits made to the default property values appear automatically as you work and are refreshed when you close a drawing, so you always know the exact values of your objects. Enhance the Markup Assistant with Power BIM: Transform a drawing into a BIM model that you can use as a building information model (BIM) for collaborating with building information modeling (BIM) software. AutoCAD users can also import 2D models, the DWG file format, and DWG DWG DXF and DGN libraries. Streamline your drafting processes by easily drawing a number of related lines at once. You can now draw and extend a series of related lines with the Lines Dynamic command or select the lines and edit them all in one step with the Edit Line Dynamic command. A new Dynamic Text option lets you create animated labels, such as names, floor numbers, and room numbers. 2D Project: Work with 2D drawing files that you import from other programs and convert to a DWG file that you can edit in AutoCAD. Build 2D CAD drawings more quickly with new BIMLines capability that automatically determines the line properties from the underlying object. The New BIMDLine command creates objects from 2D lines that you draw and automatically updates their properties. For example, you can convert a 2D line into a polyline or spline that you can control and edit. The New BIMDynamicLine command creates a dynamic line or polyline that you can use to represent an underlying 2D line, and it can calculate and update the line properties. Save time with the new Dynamic Editor, a special 2D drawing mode that enables you to see the underlying 2D drawing file while you edit your 2D drawing. When you turn the feature off, your 2D drawing file is no longer visible. Project-Specific Drawings: Create a project-specific drawing from a project database. Design changes and comments can be imported and shared with colleagues. Under the hood, AutoCAD projects have a collection of objects that provide project-specific settings that include comments and detailed drawing information. The new import tool and associated files have been updated to let you import comments and drawings. View, annotate, and collaborate on all drawings as

System Requirements:

Minimum: Operating System: Windows XP Service Pack 3, Windows 7, Windows 8, Windows 10 RAM: 1 GB Additional Notes: Recommended: CPU: Intel Core 2 Duo 2.4 GHz or faster Graphics: Intel GMA 950 or AMD RV730 or better (ATI/AMD Radeon HD3200 or better is highly recommended). DirectX: DirectX9.0c compatible video card or equivalent. Storage: 5 GB available space (for the installer and the game)