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AutoCAD Crack Free Download [32/64bit]



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## AutoCAD Crack + [Latest-2022]

As of August 2019, AutoCAD is available for PCs running Windows, macOS, Linux, iOS, Android, web browsers, and other mobile platforms. AutoCAD is also the most commonly used CAD application in the construction industry. AutoCAD 2020 The current release is AutoCAD 2020. It was first introduced on September 1, 2019. AutoCAD 2020 is a desktop app based on the Windows operating system and is available as a downloadable product for Windows PCs and Macs. AutoCAD 2020 is also available as a cloud-based app for a monthly subscription fee. The 2020 release introduced improved support for shared drawing files, the ability to save a drawing in separate pieces, and various other improvements and enhancements. Other improvements include new 2D and 3D dimensioning tools, support for the American National Standards Institute (ANSI) C14 standard, and additional tool icons. Desktop Autodesk AutoCAD 2020 offers several notable changes from previous releases. It features improved support for shared drawing files. This change is accomplished by providing the ability to save a drawing in multiple pieces. In previous releases, the drawing was saved as a single file that was replaced when users attempted to open a drawing they had previously saved. AutoCAD 2020 is also notable for its improved performance in some areas, including dimensioning, annotation, and rendering. Dimensioning in AutoCAD 2020 is more intuitive and is easier to use than in previous releases. Editor Improvements AutoCAD editor improvements include several enhancements to the Measure tool. One new feature is the ability to check precision during measurement. AutoCAD editor improvements also include the ability to measure the entire line between two points or the distance between two points. Other improvements include the ability to control the look of line edges, handles, and regions. AutoCAD editor improvements also include the ability to edit and apply editing settings to multiple objects and display them in a toolbar. 3D Features AutoCAD 2020 is available for three-dimensional (3D) modeling, including support for drafting, visualization, printing, and rendering. AutoCAD 2020 is also available as a cloud-based app that is available as a subscription. Improved Support for Drafting One of the most notable improvements in AutoCAD 2020 is its improved support for drafting. The current release of AutoCAD is not only the most reliable, scalable, and efficient drafting

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3D modeling The native 3D modelling tool AutoCAD uses is referred to as RIB (for Rapid Infrastructure for BIM). This tool was created for RIB in 2007 and is sometimes referred to as the RIB tool. In 2010 Autodesk released a freeware, open-source AutoCAD plugin, Open RIBe (originally "Open RIBe Architecture for BIM") that enables users to import and export building information models (BIM) in Open BIM format. AutoCAD is designed to be extremely efficient with 3D geometry. The many techniques it uses include: Working with direct 3D geometry instead of indirect 3D objects (relocation) Single-stroke editing of 3D objects Parallel operations for more complex operations Rotating/translating objects while drawing them. To create 3D models AutoCAD draws what it calls "planes" and "masses", two different surfaces on which the geometry of an object can be projected. Planes and masses are similar to surfaces in 2D modelling. There are also planes called "features" which are similar to surfaces in 2D modelling. Features are used when a line is projected onto the surface of a feature instead of a plane. It is also possible to project a line onto another line instead of a feature. It is possible to hide, display or lock planes. It is possible to have features and planes that are moving or animated in a drawing. Some features can be hidden or displayed, locked, rotated, scaled or converted to a polygon. AutoCAD has a number of 3D tools: Feature tools – Lines, surfaces and splines. Lines are also available as "rooted". Feature tools – Cones, holes, and a number of tools for creating shell surfaces, shell volumes, and simple solids. Working in "planar mode" (X, Y, and Z axes) or "transverse mode" (XY, and Z axes). Tools for importing models created in other CAD programs. Projections, such as equal area, equal area slices and rays. Tools to allow the creation of a 3D model from the 2D drawing by creating 2D lines and applying a 3D "direction", such as "top" or "bottom". A similar technique is also used to create 3D solid models from 2D planar views. Surface and volume modelling Surface modelling – Surfaces can be drawn as closed or open forms a1d647e40b

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## AutoCAD

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### What's New in the AutoCAD?

Markup Assist works with most (but not all) CAD tools. It's the smartest way to add and create markup (layer names, color, annotation, etc.) for your drawings. It lets you easily edit, delete, or move the objects on which you create markup without having to use the dedicated Import feature. Use any kind of markup to get work done with more efficiency and accuracy. Planner and Project Navigator: Make your own customizable navigation tree. Use a combination of radial and hierarchical navigation in one tree to get to any place in your drawings. (video: 1:21 min.) Newer features in AutoCAD can work with this planner, which automatically converts your drawing's current position into a tree structure. You can use the planner as a tree browser or just move around in a plan, even when out of scale. Design and Document History: Quickly return to the drawing's previous state, so you can make sure you're working on the right version. Design and Document History gives you a record of your changes so you can roll back to an earlier version at any time. (video: 1:11 min.) Add CAD Notes to the drawings in Planner. Save work you can share with a document history, so you can review and save design changes you make later, such as at a later time, at a later location, or with a different CAD tool. Editing: Erase shapes and strokes easily. Drawing objects on top of an existing object makes the eraser tool easy to use. The Stroke-Based Eraser allows you to erase strokes with or without the enclosed shapes. Create new, modern look for the Surface and Primitive tools with a new Shape Selector palette. Designing things like patterns and tile edges is faster than before. Use the new Fill and Line Selector palettes to choose the objects you're working on. Time tracking: Gain an accurate time-tracking view for all your drawings in the new Viewport Windows. It keeps track of your times, and integrates closely with AutoCAD's other time-tracking features. Analyze performance using the performance analysis features in the Performance Analysis toolbar. Automatically gather and collect information about your drawing's performance. New multitouch functionality: The multitouch in AutoC

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**System Requirements:**

Minimum: OS: Windows 7, Windows Vista, Windows XP or Mac OS X 10.6 CPU: Intel Core 2 Duo 2.4 GHz or AMD Phenom II X4 945 GHz RAM: 2 GB RAM HDD: 3 GB free disk space Graphics card: NVIDIA GeForce Gt240 or ATI Radeon HD 2600 Additional Notes: Applets may require Windows Aero for a better appearance Minimum:Windows 7, Windows Vista, Windows XP or Mac OS X 10.6CPU: Intel Core 2

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