

AutoCAD® 2021 versus Previous Releases



AutoCAD has a flexible subscription model, with new features available with each release and product update. If you're on a perpetual license of AutoCAD 2016 or earlier, here's what's new in AutoCAD 2021.

What's included in AutoCAD 2021



AutoCAD 2021 includes **seven specialized toolsets** with industry-specific workflows, libraries, and automation for architecture, mechanical design, 3D mapping, and more.



Connect to your projects from anywhere with the included new **web and mobile apps**. Enjoy the flexibility of accessing any DWG with AutoCAD on any device—desktop, web, or mobile.

Top features added since 2016

- **2021 Drawing History:** See changes made to your drawing over time and get automatic insights about previous versions.
- **2021 Xref Compare:** Compare two versions of an external Xref and implement changes without leaving your current drawing.
- **2021 Blocks palette (enhanced):** Insert blocks efficiently from the Libraries tab on desktop or in the AutoCAD web app.
- **2021 Quick measure (enhanced):** Quickly display all nearby measurements including areas and perimeters in a drawing.
- **2021 Trim and Extend (enhanced):** The default Quick mode now automatically selects all potential boundaries.
- **DWG™ compare:** Compare differences between two drawing revisions without leaving your current window.
- **Save to web and mobile:** Save drawings and their associated Xrefs from your desktop to view and edit in the AutoCAD web and mobile apps.
- **PDF import:** Import geometry (SHX font files, fills, raster images, and TrueType text) into a drawing from a PDF.
- **Shared views:** Publish design views of your drawing in a web browser for viewing and commenting.*
- **New views and viewports:** Easily add saved views to your layouts.
- **Attach/extract point cloud data:** Attach point cloud files acquired by 3D laser scanners or other technologies.
- **Off-screen selection:** Selected objects stay in the selection set, even if you pan or zoom off screen.
- **New feature highlighting:** Quickly see what's new in each release.
- **Autodesk desktop app:** Get alerts and install software updates without disrupting your workflow.
- **AutoCAD anytime, anywhere:** Access AutoCAD from your desktop, web, and mobile devices.*



Improvements since 2016

- **2021 2D graphics (enhanced):** Pan and zoom faster in real time. Experience automatic regeneration operations for a smoother experience.
- **2021 3D performance (enhanced):** More responsive in 3D orbit, pan, and zoom operations.
- **2021 AutoLISP (enhanced):** Edit and debug files with the new extension for Microsoft Visual Studio Code. Unicode characters now fully supported.
- **Save in half a second:** Shave one second off each save on average.
- **Speedy install time:** Up to 50% faster for solid state hard drives.
- **User interface:** Modern blue aesthetic, flat-design icons, and intuitive dialog boxes and toolbars.
- **High-resolution monitor support:** View your designs on 4K- and higher-resolution displays.
- **Save, move/copy performance** boost with the 2018 TrustedDWG™ file format.
- **Autodesk App Store** and 600+ exchange apps.

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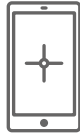
AutoCAD Web and Mobile Apps

Work anytime, anywhere with the new AutoCAD web and mobile apps—included with your AutoCAD 2021 subscription.*
Seamlessly access your drawings from leading cloud storage providers on any device.



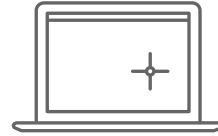
DESKTOP

Extend your workflow beyond the office on virtually any device.



MOBILE APP

View and edit your latest drawings in the field and on-the-go.



WEB APP

View and edit from any computer with no install required.

Specialized Toolsets

Complete designs in a fraction of the time. When you subscribe to AutoCAD 2021, you get industry-specific features and libraries for architecture, mechanical design, electrical design, and more.* **For example, save up to 60% of your time using the Architecture toolset versus basic AutoCAD alone.****

- Automate floorplans, sections, and elevations.
- Access libraries of 750,000+ symbols and parts.
- Draw piping, plumbing, and ducting quickly with mechanical tools.
- Design ductwork, electrical conduit, and circuiting for HVAC, plumbing, and electrical with MEP.
- Auto-generate annotations, layers, schedules, lists, and tables.
- Create rules-driven workflows to accurately enforce industry standards.



AUTOCAD



ARCHITECTURE TOOLSET



ELECTRICAL TOOLSET



MECHANICAL TOOLSET



MEP TOOLSET



MAP 3D TOOLSET



RASTER DESIGN TOOLSET



PLANT 3D TOOLSET

Support and software access

Technical support

- Autodesk support specialists: Schedule a call[†], chat online (limited availability), or email us.
- Remote desktop assistance: Get secure, hands-on troubleshooting.[†]
- Online resources: Access our knowledge base for help documentation, tutorials, training videos, and community support forums.

Access to the latest software

Instantly access the newest releases and updates.

Access previous versions

Download and use previous releases.

Flexible term lengths

Subscribe monthly, annually, or for 3 years.*

Administrative tools

Easily manage software licenses, seats, and usage from your Autodesk Account.

*Not available to maintenance plan customers.

[†]Available to maintenance plan customers with Advanced Support.

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