



New features available with
macOS Sequoia

Writing Tools

Rewrite

Create multiple versions of your text that maintain your tone. Easily swap in an option you prefer and continue writing or refining, or go right back to your original.

Proofread

View suggested improvements to what you're writing, like grammar fixes and language refinements. Quickly accept all suggestions with a click or view the explanations to better understand the changes and accept the ones you want.

Describe

The text field in Writing Tools lets you describe a more specific change you want to make to your text. Make it read like a poem, simplify the vocabulary, or even turn it into a formal letter.

Style

Rewrite your text in a new style, such as "professional," "concise," or "friendly."

Summarize

Select text wherever you're writing and generate a high-quality summary. Summarize content of all kinds like documents, articles, or communications to quickly understand the important points.

Compose

Ask ChatGPT to create original content from scratch. You can also use ChatGPT's image generation capabilities to add images alongside your written content.

Image Playground

Image Playground app

Have fun and experiment with all the features of Image Playground in a new app. You can easily create new images, access all the images you've previously created, remix previous images, and share your creations with friends and family using your favorite social and communication apps.

Create Images with People You Know

Create an image of your friend on the moon or a family member on a surfboard with Image Playground thanks to Apple Intelligence's understanding of people in your photo library.

Create Images with Photos

Create images inspired by a photo by taking one, selecting one from your photo library, or dragging one into Image Playground.

Suggested Concepts

Image Playground offers intelligent suggestions to add to your image that are related to previous concepts you selected, the context of a messages thread in Messages, or your notes in the Notes app.

Create Images with Concepts

Choose from a range of concepts to add them to your playground from categories like themes, costumes, accessories, and places.

Create Images with Characters

Easily define a character to add to your images in Image Playground by choosing their gender and skin tone, and by providing a short description.

Create Images with Text

When you want to create a more specific image, you can add descriptions to your playground to shape the images you create.

Quick Previews

Quickly see a selection of previews as you add concepts, and choose the one you like to create it with more detail and at a higher resolution and save it to your Image Lab library.

Image Playground library

When you create an image, it's saved to your Image Playground library and synced across your devices with iCloud. You can access your library from Messages to easily share your creations, and you can revisit and remix your images in Image Playground as well.

Illustration style

Create uplifting and playful compositions with stylized and exaggerated characters against minimal backgrounds using a contemporary illustration style defined by simple shapes, clean lines, and flat color blocking with a diverse color palette.

Messages experience

Create a fun image to share with friends using the new experience in Messages. When you first open Image Playground in Messages, it will suggest concepts related to your most recent conversation. You can also create a new image from scratch, or just select one of your previously created images from your Image Playground library.

Preview history

Freely experiment with different concepts without worrying about losing any previous previews you liked. When you remove a concept you previously added, Image Playground remembers what previews were created before you added it and can quickly bring them back for you.

Animation style

Create fantastical creatures, expressive animals, exaggerated human figures, and more, all against immersive and detailed environments with rich textures using a modern, 3D-animated style.

Sketch style

Produce delightful drawings perfect for Notes using an academic and highly detailed sketch style with vibrant colors and a technical line style.

Deep integrations

Create images in Notes, Pages, Numbers, Keynote, and Freeform to elevate your documents, spreadsheets, presentations, or boards with delightful images.

Siri

Personal context understanding

With the on-device semantic index provided by Apple Intelligence, Siri can understand emails, messages, photos, calendar events, files, and more, and can provide answers to questions that are personal to you. For example, when you say “What was that movie that Jamie told me I should check out?” Siri will dig up the message from last week. And when you’re filling out a form and say “Add my passport number here,” Siri can extract the number from a saved photo of your passport and drop it in.

Onscreen awareness

Siri will be able to understand and take action with things on your screen, so when a friend texts you recommending a new coffee shop in the neighborhood, you can simply say “How long would it take me to walk there from home?” and Siri will understand just what you mean.

Maintains conversational context

Siri remembers what you talked about in recent requests, so if you ask when the Warriors are playing next and then say “Add that to my calendar,” Siri will know just what you mean.

Type to Siri

You now have the option to type to Siri at any time, and you can ask Siri all the same things by text as you can ask by voice. You can switch fluidly between text and voice, so you can communicate in whatever way feels right for the moment.

Suggestions in Siri keyboard

Suggested requests appear below the keyboard as you type, giving you ultrafast access to actions that Siri can help you with.

ChatGPT integration

Siri can tap into ChatGPT to help you with certain requests when it determines ChatGPT can provide a helpful answer. You can also ask questions about photos and documents including PDFs and presentations. You will be asked before requests or information are sent to ChatGPT. Siri then presents you the answer directly.

In-app actions

Siri can take hundreds of new actions on your behalf, in both first- and third-party apps. The next time you’re editing photos, you’ll be able to say “Make this photo warmer,” and Siri will make adjustments using the Photos app. Siri can take actions across apps too, so after you’re done editing that photo, say “Add this to my ratatouille recipe note” and Siri will jump from the Photos app to the Notes app to take care of it.

More resilient request handling

If you stumble over your words or change your mind mid-sentence, Siri will still follow along. For example, you might say “Siri, set an alarm—wait no, sorry, I meant a timer for 10 minutes—actually, let’s make that 15.”

Product knowledge

Siri can answer thousands of questions about the features and settings on your Apple products by drawing on large language models that are trained on Apple support documentation.

Predictive text in Siri keyboard

As you type a request to Siri, you’ll see predictive text that helps you complete your request faster. This predictive text model is designed specifically to help accelerate Siri requests.

More natural voice

Siri sounds more natural, expressive, and clear, and is now synthesized entirely on device by Apple Intelligence new language models.

Focus	Reduce interruptions Focus understands the content of your notifications and selectively surfaces only the ones that might need immediate attention, like a text about today's daycare pickup or a last-minute invite to dinner tonight.	Intelligent Breakthrough & Silencing Your Mac will determine if a notification is important enough to break through with the Intelligent Breakthrough & Silencing option. It can be turned on for any Focus mode, so you don't miss your food delivery when you're in Do Not Disturb.
Genmoji	Genmoji Generate unique, emoji-style stickers right from the keyboard. In the sticker creator, just type what you want to create, like "dog on a surfboard," and see your creation appear in seconds.	
Mail	Priority messages Know what to prioritize as soon as you open Mail with priority messages at the top of your inbox that are based on what's most urgent. Thread summaries When you open an email thread, click to see a detailed summary that helps you get the gist of a lengthy email or several emails in the same thread.	Preview summaries Know the key information before you even open the thread with brief summaries that appear in the email preview instead of the first few lines of that email. Smart Reply Based on the content of the email you received, Mail will show you smart options to quickly choose from that add detail to the reply, like answering specific questions you were asked. When you make your selections, your Smart Reply incorporates your choices into the generated draft so it's ready to send.
Messages	Smart Reply Quickly respond to messages with generated options that appear right in the prediction bar when you click the text field to respond. Messages will understand the content of the conversation and offer options that are relevant to the context.	Summaries Previews of messages in your conversation list will show brief summaries instead of the beginning of your most recent messages, so at a glance you know the key information before you even open the chat.
Notes	Transcription summaries¹ Get an intelligently created summary of key points from your audio recording, so you can review what happened without going through the entire transcript.	

Notifications

Priority notifications

Immediately see the things that may require your attention, like a work message about a deliverable due that day, with priority notifications that are based on what's most urgent and appear at the top of your notifications.

Notification summaries

Multiple notifications from a single app are grouped in a stack with a glanceable summary on top that lets you know the most important information. For many communication apps like Mail and Messages, the content of your notifications will be summarized so you can get all the key information without clicking the notification to open the app.

Announce Notifications support

Announce Notifications can read aloud your notification summaries when using AirPods or CarPlay.

Photos

Natural language photo and video search

Search now supports natural language queries and expanded understanding, so you can search for just what you mean, like "fluffy white dog on a green couch." You can also search for an action that happened within a video, and Photos will take you to the correct segment.

Create your own Memories

Create a memory about the specific story you want to see, just by typing a description. Photos writes a storyline, complete with unique chapters, and selects a great set of photos and videos to create your movie, complete with a perfectly paired song.

Clean Up tool²

Remove distracting elements from your photos with the Clean Up tool for those times when an unwanted object spoiled the moment.

Apple Intelligence will be available in beta on Mac computers with Apple silicon, with Siri and device language set to U.S. English. It is coming to macOS Sequoia as a free software update this fall. Some features, additional languages, and platforms will be coming over the course of the next year.

Key features

Continuity

iPhone Mirroring³

Control and interact with your iPhone by mirroring it's screen to your Mac using the new iPhone Mirroring app. Fully engage with your iPhone and its apps, all wirelessly. You can browse your iPhone Home Screen, launch apps, and interact with them, as if you had your phone in your hand.

Works with StandBy

Access your iPhone's apps and notifications while your phone continues to give you glanceable information with StandBy.

Control your iPhone with your trackpad

Two-finger gestures on the trackpad of your Mac let you control your iPhone, so it's easy to swipe on your Home Screen, pinch to zoom on a photo, or scroll through your social media feed.

Drag and drop files*

Quickly transfer files between your Mac and iPhone just by dragging photos and other files using iPhone Mirroring.

iPhone Notifications on Mac

View and interact with your iPhone notifications, without needing to reach for your phone. iOS notifications appear on your Mac desktop and in Notification Center. Interact with them using quick replies, or launch into the app using iPhone Mirroring.

Edit Home Screen

Access Jiggle mode on the Home Screen to re-arrange app icons, delete apps, or add and edit Widgets.

Easier Window Tiling

Tiling and resizing

Arrange your windows even more easily. Drag them to the edge of the screen and macOS automatically suggests a tiled position on your desktop. Quickly place tiles side-by-side, or place them into corners to keep even more apps in your view. It's easy to resize two adjacent tiles as you create your ideal arrangement.

Tiled window menu options

Arrange your windows quickly by selecting from various tiling options using the green button at the top left of each window, or from the menu bar.

Keyboard shortcuts

Arrange your tiled windows even faster with keyboard shortcuts. You can also hold down the Option key while dragging a window to preview various tiling positions.

Supports multiple displays

Move window tiles freely between multiple displays. macOS will suggest a tiled position when you drag a window and pause next to the edge between both displays.

Video conferencing

Presenter preview

Know exactly what you are going to share before displaying it for everyone. The presenter preview appears when you share your screen on a video conference or connect to an external monitor or display.*,⁴ It lets you pick just an app to share or your whole screen. Picking just an app means things like notifications or background windows from other apps won't be seen.

Play preview

Clicking Play in Keynote (or supported third-party apps) gives you a preview of where your content and presenter notes will be, ensuring you get the right content on the right screen.

Background replacement

Replace your background during a video call. Choose from a variety of color gradients and system wallpapers—or pick your own favorite image. Background replacements use Apple industry-leading segmentation so you look your best when on a call.

Safari

Highlights⁵

Discover helpful information about a web page, like a summary, a location, a person, music, movies, and TV shows.

Summary highlights

Review a summary of an article before reading on with a summary highlight.

Movie or TV show highlights

Check out a movie or TV show from a movie or TV show highlight.

Viewer

Dim the rest of the page around a video to watch without distractions. You still have full access to system playback controls and video automatically moves into Picture in Picture when you click away from the page.

Distraction Control

Hide items on a web page that you find distracting. You can easily revert the changes later if you change your mind.

Location highlights⁶

Check the location and get directions and phone number to a restaurant, hotel, or landmark from a location highlight.

Music highlights

Listen to an artist's song or album in your favorite streaming app from a music highlight.

Person highlights

Learn more about someone featured on a web page from a person highlight.

Redesigned Reader^{5,6}

Reader offers even more ways to enjoy articles with a streamlined view of the article you're reading, a summary, and a table of contents for longer articles.

Passwords

Passwords app

See all your passwords, passkeys, verification codes, Wi-Fi passwords, and Sign in with Apple credentials for websites and apps in one place.

Sign in with Apple

See what apps and websites you've used Sign in with Apple or Hide My Email to sign in. You can also now add Sign in with Apple credentials to shared password groups.

Verifications codes

Set up two-factor verification codes right in Passwords and easily copy them or autofill into Safari without even opening the app.

Passwords and passkeys

Easily save your passwords and passkeys and autofill them into websites and apps, either by saving them during account creation or manually adding them later.

Wi-Fi passwords

Access Wi-Fi passwords you've saved so you can easily refer to them or share with others.

Sorting

Sort accounts alphabetically, or by recently created, to quickly find accounts you're looking for.

Syncing

Your accounts saved in Passwords sync seamlessly with iCloud so you can access them on your other Apple devices.

Windows support

Access your passwords on Windows in the iCloud Passwords app.

End-to-end encryption

iCloud syncing is backed by incredibly secure end-to-end encryption.

Gaming**Game Mode improvements⁴**

Provides a more immersive gaming experience by improving the responsiveness with wireless accessories and minimizing background activity even further to sustain the highest frame rates.

Messages**Text effects**

Add dynamic, animated effects like Explode or Ripple to any letter, word, or phrase in iMessage to bring your conversations to life.

Emoji and sticker Tapbacks

Tapback with any emoji or sticker, giving you infinite ways to react to a message. Multiple Tapbacks on a single bubble are spread out to let you better view the three most recently added.

Low Quality Image Mode improvements

Send images in Messages as their original size or compressed with minimal quality loss while in Low Quality Image Mode.

Text formatting

Add text formatting like bold, underline, italics, and strikethrough to any letter, word, or phrase in iMessage to better express your tone.

Send Later

Compose a message now and schedule it to send later for the times when it's late and you don't want a message to send until the morning, or when you don't want to forget to celebrate an important birthday or other milestone.

High-quality Images

Send most images up to 100MB at full resolution over iMessage, depending on device and network conditions.

Maps**Hiking and walking**

Maps brings all-new topographic maps, curated hikes, and route creation to make it easy for you to adventure using Maps.

Hikes⁶

Browse a selection of thousands of hikes available across all U.S. national parks. Save them to your device and access them when you're in the park.

Topographic maps⁷

Explore stunning topographic maps with contour lines, hill shading, hiking trails, and more.

Create and save walking and hiking routes

Easily create custom walking and hiking routes with just a few clicks. Save your custom routes so you can easily access them later. You can create custom routes for hikes in the park, regular exercise routines in your neighborhood, walking tours while on vacation, and more.

Discover and save places

Quickly discover and compare places by browsing photos, ratings, price level, and more, all without leaving search. Easily save places with just a click, and add a note on what you want to remember about a place or why you like it. Easily access all your saved places, guides, and hiking routes in the all-new Places Library.

Notes

Audio recording

Record audio sessions right from your note, and keep them with related comments, checklists, and documents. You can even edit your note while recording, so you're always able to jot down something important.

Math in Notes

Enter formulas and equations while typing to have them solve instantly in your note body.

Highlighting

Make text in your note stand out using highlighting with five different color options.

Live transcription¹

Get a live transcription of audio in a conversation or lecture from your recordings. Transcript text stays in sync with your audio, so it's quick to scrub through a transcript to find just the moment you're looking for in a recording. Transcripts are also searchable, so you can always find what you need.

Collapsible sections

Clean up long notes by hiding text under new collapsible section headers.

PDF inline search

Find words in PDFs and document scans with an improved search experience that takes you to what you're looking for within the document.

AirPods

Siri Interactions

Respond to Siri announcements with AirPods by simply nodding your head yes or shaking your head no.

Personalized Spatial Audio for gaming⁸

Personalized Spatial Audio for gaming puts you in the middle of the action like never before with a new API that makes it easy for developers to deliver the most immersive audio experience with AirPods.

In-game voice quality⁹

For high-quality in-game audio, quality is now leveled up to 13 bits, 48 kHz, while streaming or chatting with friends while gaming.

Voice Isolation

For the best call quality with AirPods, Voice Isolation enables you to take calls anywhere—even in windy conditions or places with loud background noise.

Reduced gaming audio latency⁹

To make sure you get the edge over the competition, AirPods Pro now deliver the best wireless audio latency for mobile gaming Apple has ever delivered.

Even More

Accessibility	Vocal Shortcuts⁴ Create custom utterances to activate shortcuts and complete tasks on Mac like taking a screenshot or checking the Weather forecast.	Cochlear implant support You can now use even more Made for iPhone hearing devices with outstanding quality, including cochlear implants. It is easy to set up and can be used like any other Bluetooth device.
Apple Account	Share Sign in with Apple credentials Share access to your Sign in with Apple credentials with trusted friends and family members in the new Passwords app. This makes it easy to share the credentials just once, similar to setting up a shared family passwords list.	
Apple TV app	InSight¹⁰ See real-time actor and music information that complements the action onscreen, while enjoying Apple TV+ Original movies and shows. Select an actor to learn more about them or easily add a song to an Apple Music playlist.	More dynamic subtitles¹¹ Subtitles will automatically appear at just the right times, like when the content language doesn't match your device language, when you mute the audio, or when you skip back while watching a program.
Calculator	Math Notes¹² Open your Math Notes in the Notes app right from Calculator to simply type out and evaluate expressions. Variables¹³ Easily assign values to variables and then use those variables in expressions you solve. For example, you can assign "x=7" and then type "x + 20 =" to get an answer. Math Results Type out a mathematical expression in apps like Messages and Mail, and you'll see Math Results as suggestions so you can easily add them in. History Keep track of previous calculations in the basic and scientific calculators, copy their results to use in other apps, and click the results to go back to keep working on them.	Typed math Type out mathematical expressions in Math Notes, and see them instantly solved right inline. Adjust numbers Quickly adjust any number you type in Math Notes by hovering your cursor over it and then dragging across the slider to increase or decrease it. You'll see the number and related equations and graphs update in real time. Editable expressions Enter an expression in the basic and scientific calculators, and you'll see the full expression before you solve it. You can also easily delete characters with the backspace button. Unit conversions Convert length, weight, currencies, and more while using the basic and scientific calculators, or convert typed units using Math Notes.

	View reminders in Calendar Stay organized and view all your scheduled reminders from the Reminders app right in Calendar along with all your other events. Create reminders in Calendar Create scheduled reminders right from Calendar just like you would create an event. This makes it easy to separate events from tasks and keep your tasks synced to the Reminders app.	Edit reminders in Calendar Mark reminders as complete from Calendar as you move through your day, move them to schedule them for a different date or time, or even edit all their details. Refreshed look Updates to typography and consistent event details across Day, Week, and Month views make your events easier to read.
Family Sharing	Family Sharing invitations Now it's even easier to accept an invitation to join a Family Sharing group. As soon as you're invited, the invitation will appear at the top of Settings. Plus, family organizers can immediately see who's accepted and easily send a reminder or follow-up to those who haven't.	Recommended for your family Quickly and easily set up new items for your family like a shared calendar, grocery list, and passwords list. Once created, everyone in the family can contribute to the shared items, making it easy to keep the entire family in the loop.
Finder	Finder Integration for Cloud File Providers A new API for cloud file providers allows them to integrate with Finder to sync Desktop and Documents to the cloud.	Keep downloaded Choose the iCloud files you always want access to on your device. Changes you make to your file while offline will sync with iCloud whenever you are back online.
Freeform	Scenes Create scenes to organize sections of a board by topic or to make it easy to present your content by moving around quickly. Snap to Grid Align content on your board precisely with Snap to Grid. Improved diagramming Join objects together with magnetic connection lines that can be anchored anywhere, making it easier to create diagrams and relate your ideas.	Send a copy Share your ideas with as many people as you want by sending a copy with a link that anyone can use to open the board on their device. Handwriting recognition Handwritten text on your board can be searched, translated, and copied as text. Board navigation Easily pan around your board by clicking and dragging on the canvas while the spacebar is pressed.

Home	Guest access¹⁴ Provide time-based access to locks, garage doors, and alarm systems for up to 29 guests in the Home app. Guest activity will be logged into Activity History, displaying up to 30 days of activity including time, the accessory used, and the name of the person, if applicable. Control robot vacuum cleaners in the Home app* Robot vacuum cleaners can participate in automations and scenes and listen for Siri requests, just like other accessories in your home. Matter-compatible robot vacuum cleaners can be controlled in the Home app.	Pair Matter accessories without a hub¹⁵ Add and locally control Wi-Fi-based Matter accessories to the Home app without needing a home hub. Electricity usage and rates¹⁶ Easily access and understand your home electricity information right from the Home app. Eligible Pacific Gas and Electric Company customers can connect their utility account to the Home app to view their electricity usage and rate plan information.
iCloud	Settings redesign iCloud settings have been redesigned to make it easy to see how iCloud keeps content from across your device backed up and synced. Quickly see if your apps are syncing to iCloud, enable premium features, customize your experience, and take action on personalized recommendations.	
Keyboard	Unified picker The emoji keyboard and sticker drawer are combined into a unified picker, making it even easier to find just what you're looking for. Searchable stickers In addition to emoji, stickers are also now searchable in the unified picker.	Inline stickers and Memoji Stickers and Memoji can be inserted inline with text, just like emoji.
Photos	Collections Your library is automatically organized into helpful new collections of photos so you can browse and find content in your library by themes—without having to organize your entire library into albums. Groups in People & Pets People & Pets now includes groups of your favorite people, like you with your partner, you and your pet, or you with your best friends. Collection view options There are multiple options to view and enjoy each group of photos—in a beautiful editorial view, in a grid, as a memory, or on a map.	Recent Days View your recent events and activities without the clutter, so you can easily show a friend the photos from last Sunday's epic ride—and easily share the photos. Trips Trips organizes your adventures in one place, so you can relive your travels. Quickly jump to a specific year to see your trips from that year. Album attribution View which custom albums a photo has been added to in the Info pane.

Smart copy and paste edits

Edit similar images quickly by choosing whether to include the crop aspect ratio, and match exposure and white balance across photos when copying and pasting edits.

Create your own Memories

Create a memory about the specific story you want to see, just by typing a description. Photos writes a storyline, complete with unique chapters, and selects a great set of photos and videos to create your movie, complete with a perfectly paired song.

Smart suggestions

Don't worry about writer's block—you can start with a suggestion provided by Photos based on recent events, trips, and people that you've photographed.

Video speed control

Adjust the playback speed of high frame rate video for cinematic and dramatic slowed down effects.

Creative stories

Photos creates a montage with unique chapters for you, in addition to chronological stories. It picks out the best photos and videos and arranges them into chapters that match the story arc. Lastly, it even picks out a great title and song to match.

Featured photos

Photos surfaces the best content from your library for you to enjoy.

Podcasts**Share from transcripts**

Share a link to a specific time from the transcript.

Privacy & Security**Redesigned Privacy & Security settings**

More easily manage how much information you are sharing with apps. Each data type now shows how many apps are accessing that data, making it easier for you to find where you are sharing the most information with apps.

Blocking sensitive content for children

Communication Safety will require a Screen Time password for children to view or send sensitive content.

Reminders**Calendar integration**

Your scheduled reminders now show in the Calendar app alongside your events. You can even create and edit your reminders directly from Calendar, and they sync right back to your Reminders lists.

Recently deleted list

Your deleted reminders stay in a recently deleted section for easy reference or retrieval.

Subtasks in Smart Lists

Your subtasks are now available in Today, Scheduled, and other Smart Lists for quick reference.

Multilanguage grocery lists

Enable other languages to categorize your grocery lists from Reminders settings.

Tips**Tips app in macOS**

See user guides and collections of tips that help you get the most from your Mac.

Tips sharing

Share helpful hints and hidden gems with others from the Tips app.

Translate	AirPods in conversations Get in-ear translations that come through your device microphone and respond with your AirPods microphones so the other person can hear the translated output from the device speaker.	New language Support for Hindi in Translate, systemwide translation, and Safari web page translation.
Wallet	Apple Pay on Chrome and Windows Enable Apple Pay as a payment option for online transactions on third-party browsers and Windows PCs.	
Weather	Easier-to-find Feels Like temperature Prepare for outdoor conditions more efficiently with a more prominently displayed Feels Like temperature. Feels Like appears near the actual temperature when they differ significantly, and their detail views are merged so you can compare them more easily. Prominent wind gusts and direction Conveniently learn about windy conditions with wind speed, gusts, and direction.	Home and work locations Your home and work locations from Contacts are brought into Weather. You can search for them and add them to your list.

* Coming in an update later this year.

¹ Available on Mac computers with Apple silicon in English (Australia), English (Canada), English (Ireland), English (New Zealand), English (South Africa), English (United Kingdom), and English (United States).

² Clean Up will be available in beta on iPhone 15 Pro and later models, iPad with M1 and later, and Mac computers with Apple silicon as part of iOS 18, iPadOS 18, and macOS Sequoia this fall.

³ Available on Mac computers with Apple silicon or Intel Mac computers with a T2 Security Chip when your iPhone and Mac are signed in with the same Apple ID using two-factor authentication, your iPhone and Mac are near to each other and have Bluetooth and Wi-Fi turned on, and your Mac is not using AirPlay or Sidecar. Not currently available in the European Union.

⁴ Available on Mac computers with Apple silicon.

⁵ Available in English (United States).

⁶ Available in the United States.

⁷ Available in the United States and Japan.

⁸ Available on AirPods (3rd generation), AirPods Pro, and AirPods Max.

⁹ Available on AirPods Pro (2nd generation and later).

¹⁰ Available with an Apple TV+ subscription. Title support subject to change.

¹¹ Available with compatible content in supported apps.

¹² Available for math written using Western Arabic numerals and common mathematical symbols, or typed using Arabic (Eastern and Western) and Devanagari numerals and common mathematical symbols.

¹³ Available with variables created using the Latin alphabet.

¹⁴ Available with a home hub, such as Apple TV or HomePod. Setting a schedule for guest access via hands-free unlock with home keys, tap-to-unlock with home keys, or PIN codes requires a Matter lock that support schedules.

¹⁵ Available on a Thread-enabled home hub such as Apple TV 4K, HomePod (2nd generation), HomePod mini, or a compatible third-party Thread border router. Thread-enabled devices are able to locally pair and manage Thread accessories, which may require an update from the accessory manufacturer.

¹⁶ Eligible users include Pacific Gas and Electric Company customers who have residential electrical service, including areas served by community choice aggregators. Users must be the utility account owner or authorized user of the utility account.