

Gemini Omni 1.1 Flash lets you build with more control

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Omni now delivers studio-quality video production, including the ability to extend a scene, first and last frame interpolation, crisp 4K upscaling, faster prototyping, and more.

Today, we're introducing Gemini Omni 1.1 Flash, a new suite of creative controls and generative video capabilities to support developers. Gemini Omni brought real-world reasoning to generative creation, and today's updates make Omni 1.1 production-ready for professional use via the Gemini API in Google AI Studio.

Whether you're building generative video workflows, creative tools, or media editing software, these updates make generative video more controllable, faster to iterate on, and polished for real-world deployment. Here's a look at what's new:

Extend scenes for longer storytelling

Scene extension allows you to take an existing video and continue generating footage seamlessly from where it left off.

With Omni 1.1, the model can now analyze up to 10 seconds of prior context — a leap from previous models that only referenced the final second. The result is improved visual consistency and narrative adherence, letting you build longer stories or branch into new creative directions. You can extend videos in 10-second increments up to a total cumulative length of 40 seconds.

Prompt 1: Camera slightly pans and we now see she is talking to a man with curly hair, we see man's back, he says "I see it too" dramatic music score

Prompt 2: Camera slowly pulls out, forgotten dusty catacombs, dramatic music score.

Prompt 3: Camera slowly pulls out, a vast library where shelves and books float weightlessly in a dusty void, dramatic music score.

Prompt 1: Continue the video. Execute a cinematic optical dolly-zoom shot. The camera dollies forward while simultaneously zooming out, keeping the character's frozen shocked face locked at the exact same size. The long corridor of stone pillars in the background dramatically stretches and deepens with intense optical perspective distortion. Clean architecture, continuous unbroken shot.

Prompt 2: Continue the video. The camera executes a fast mechanical snap-zoom directly into the character's wide eyes. Stylized cinematic camera control.

Prompt 3: Continue the video. Time completely freezes into a static moment: the character, their windblown coat. The camera performs a smooth, high-speed 360-degree orbital rotation around the frozen character, showcasing dramatic 3D depth and parallax across the colonnade. Flawless continuity.

Prompt 1: The man in the blue sweater replies: "Did your father go out on the boat too?"

Prompt 2: The camera pulls back in one continuous movement as he continues his story: "He used to

say that this harbour had a soul. And that the boats were a part of us." The music swells.

Prompt 1: The looks directly at the camera and talks about what the final chapter will end with!

Prompt 2: He then stands up walks around the desk to the camera and says "what would you choose?"

Here's how you can extend your scene with the Gemini API:

Specify first and last frames

Achieve smooth transitions and camera movements by specifying the starting and ending frames of a shot. Omni 1.1 generates continuous video between two keyframes, making it ideal for complex camera orbits, zoom transitions, or seamless looping clips.

Prompt 1: A close-up low-angle shot of a stylish drummer in a beige suit playing a red drum kit in a grand hall transitions as the camera whip-pans to the side, revealing an older saxophonist playing alongside a ballet dancer spinning in a white outfit under soft purple stage lights. One continuous shot, no jump cuts.

Prompt 2: The camera zooms into the TV screen, where we see the same woman and the same scene from the beginning. Seamless video. One continuous shot, no jump cuts.

Draft videos more efficiently in 360p

Generate lightweight previews in 360p resolution up to 60% faster* and at a third of the cost compared to Omni 1.1's standard 720p resolution. This is helpful for rapid prototyping, storyboard iteration, and quick rendering in developer platforms.

*Up to 60% faster generation based on system throughput of 360p vs. 720p resolution

Prompt: A microscopic view of iridescent marine diatoms, displaying intricate, glass-like silica shells with breathtaking natural symmetry. The colors range from deep volcanic amber and warm copper to vibrant turquoise and violet, mimicking the rich palette of earth and ocean. Tiny, delicate structures glow softly against a clean dark field background. High-fidelity scientific imaging, sharp details, organic textures, micro-photography. Maintain the microscope lens effect throughout the entire video.

Upscale up to 4K resolution

Generate polished, high-resolution 1080p or 4K outputs that are ready for professional production with Omni 1.1.

Prompt 1: Fish swimming, tracking shot

Prompt 2: A little chipmunk darting out of the woods from the left side of the screen and sniffing the air inquisitively before darting out of frame on the right side

Prompt 3: Cinematic macro close-up of vibrant golden-orange Japanese maple leaves on a delicate branch, gently rustling and swaying in a soft, rhythmic autumn breeze. Sunlight filters through the translucent foliage, creating a warm, glowing effect. Shallow depth of field, dreamy bokeh background, hyper-detailed textures, photorealistic, 4k.

Add video references in your multimodal input

Reference up to three seconds of video when crafting your scene, allowing you to maintain visual context and character consistency based on video references.

Prompt: Use the three uploaded videos of dancers and replace them with the provided characters. Have them perform their individual dances from the reference videos, all together in the large, open space from the provided image.

The dog character dog.png should do the classical dance from dance3.mp4. The octopus octo.png should do the hip hop dance from dance1.mp4, and the bear bear.png should do the breakdance from dance2.mp4. The final result should be one continuous shot with no scene cuts.

Inspiring concepts for what you can build

Here are a few ideas showing how developers can put these new capabilities into action across custom tools and creative workflows.

In this app, you can drop in a first and last frame, generate the transition between them with presets or a prompt box because of Omni's full-context reasoning enabling you to get camera moves that read as real.

This app moves the camera through the rooms. It arcs, it pushes in, it pulls back. It shows the home in an aspirational state, At the perfect time of day. It adds no furniture or details that don't exist.

Creators already generate several videos before landing on the right one. The Draft Room makes that exploration cheap and structured: generate 3-4 draft variations in 360p, varying one thing at a time and compare them side by side.

See how customers are putting Omni Flash in production

Our customers are already driving real-world production with Gemini Omni Flash via the Agent Platform API. Explore the videos they've created and hear about how they are using the model below.

Adobe integrated Gemini Omni Flash into Adobe Firefly. Check out this video showcasing its video editing capabilities.

"Gemini Omni Flash is one of the strongest video models available in Figma Weave, where the canvas helps creative teams build on every generation — attaching references, branching different versions, and shaping something unique. With extensions, richer reference material, and 4K resolution, Gemini Omni Flash takes teams beyond generating videos to truly directing them." - Itay Schiff, Creative Director, Figma Weave.

"At GMI Cloud, we give creators centralized access to the world's most capable models. What stands out about Gemini Omni Flash is its accuracy: the details hold up under scrutiny. For customers creating educational and explanatory content, where getting things right is essential, that reliability matters more than any single feature. Omni has made AI video viable for a segment that previously couldn't rely on it." - Louisa Guo, VP of Marketing, GMI Cloud.

"Omni Flash fits naturally into how people already use Runway: start with a prompt, an image or a video, then generate or edit from there. It's another way for our users to move quickly between

ideas.” – Jamie Umpherson, Chief Creative Officer, Runway.

Build with Gemini Omni 1.1 Flash Today

Pricing table for Gemini Omni 1.1 Flash.

Omni 1.1 is rolling out across the Google developer ecosystem:

- Start building in Google AI Studio: Try out Omni 1.1 directly in Google AI Studio.
- Deploy on Gemini Enterprise Agent Platform: Enterprise developers can deploy Omni 1.1 on Gemini Enterprise Agent Platform.
- Explore the developer documentation: Check out the official documentation, the cookbook and prompting guides to learn how to integrate scene extensions, video references, and upscaling into your applications.

Omni 1.1 is also available to all Google AI Plus, Pro and Ultra subscribers globally in Google Flow, starting today. Scene extension is available to all Google AI Plus, Pro and Ultra subscribers globally in the Gemini app.

<https://blog.google/innovation-and-ai/technology/developers-tools/build-with-gemini-omni-1-1-flash>