Daily Model Brief, November 20, 2026

Google released Genie 4, a real-time world generation model, at $1.50 per million input tokens and $17.50 per million video output tokens, about $0.10 per second of video. OpenAI released GPT-Live-1.1 for voice at the same $0.05 per minute and added a $0.02 per minute standby rate, and says it is winding down Flex processing.

Friday, November 20, 2026 · Prices as of 8:50 AM CT · Covers Thursday, November 19 through this morning

Executive Summary

Google released Genie 4 (`genie-4`) as generally available on Thursday. It generates real-time interactive worlds, streaming steerable video at 24 frames per second with synchronized audio, and is available on the paid tier only. It lists at $1.50 per million input tokens (text or a reference image), $9.00 per million text output tokens and $17.50 per million video output tokens, with audio included. Google puts that at about $0.10 per second, or about $6.05 per minute, and says to end each session to stop billing. Genie 4 has no Batch, Flex or Priority pricing.

OpenAI released GPT-Live-1.1 (`gpt-live-1.1`) for live voice conversations on Thursday. Voice sessions on both GPT-Live-1.1 and GPT-Live-1 stay at $0.05 per minute while active, billed by the second, and OpenAI added a $0.02 per minute standby rate for WebRTC sessions while inference is paused during silence. Backend model and tool usage is billed separately.

OpenAI now labels Flex processing a beta that it is winding down. Flex stays available on the models that already have it, will not be added to new models, and OpenAI says it will publish a retirement date once one is confirmed.

Perplexity moved the xhigh effort level of its Agent API to a new version (xhigh@2026-11-18.0) that uses `openai/gpt-6.2-sol` with no fallback model, replacing Claude Opus 5.5 and its GPT-6.1 Sol fallback. Earlier pinned versions are unchanged, and pinning xhigh@2026-11-11.0 keeps the old setup. Separately, its Decisions API now charges $0.0005 instead of $0.001 for each successful URL fetch in web grounding mode; searches stay at $0.001 each.

Alibaba added Mindlab's `mindlab/macaron-v1.1-venti-pro` to its International price table at $2.00 input and $10.00 output per million tokens, with no cached price listed. MiniMax again lists 50% off its H3 image models for 4K images of at least 16,600,000 pixels, for example $0.03439 instead of $0.06879 for a 4K image on MiniMax-H3-Image, with no end date stated.

No vendor I track changed a standard list token price on an existing publicly available text or chat model since Thursday's brief.

Yesterday's news stands. Google's Gemini 4 Neon (`gemini-4-neon`) lists at $3.00 input, $0.15 cached and $15.00 output per million tokens, one price across its 1M-token context window, with Batch and Flex at half and Priority at 1.8 times; Argon and Carbon cost $2.00, $0.10 and $10.00 until November 30 and $4.00, $0.20 and $20.00 from Tuesday, December 1. Perplexity's `pplx-embed-v2-context-9b` costs $0.12 per million text tokens and $0.42 per million image tokens, its `pplx-embed-v2-context-0.6b` $0.02 and $0.40, and its Context API can score pages against your criteria for Decisions API input tokens. OpenAI ends Fast and Priority processing for GPT-5.2, GPT-5.4 and GPT-5.4 mini with EU data residency on Monday, January 11, 2027. Microsoft retired the Azure o1, o3 and o4-mini models and Llama 4 Maverick on Thursday, with the replacements in its updated table, and DeepSeek's server-side search and fetch calls are free while their results are billed as model tokens.

Earlier this week's news stands. GPT-6.2 Astra (`gpt-6.2-astra`) lists at $8.00 input, $0.40 cached and $40.00 output and GPT-6.2 Sol (`gpt-6.2-sol`) at $2.00, $0.10 and $10.00, both for prompts up to 272K tokens. GPT-6.2 Ultrafast costs three times Standard through Sunday, February 28, 2027 (Pacific time) and six times from

Monday, March 1. OpenAI's two-hour and eight-hour background windows bill 30% and 40% below Standard. Perplexity's Context API costs $1.00 per 1,000 URLs returned. Alibaba's batch price for Qwen4-Max (`qwen4-max`) in its China (Beijing) region is $0.707 input and $2.12 output, half the regional list price, and the International (Singapore) list price stays at $1.50 and $4.50. Perplexity's Monitor API costs $0.001 per succeeded Search run and $0.001 per counted URL in a succeeded Page run. OpenAI's `omni-moderation-csam-latest` image classifier is free for approved organizations, and Anthropic's text watermark now covers Claude Opus 4.6, Opus 4.5, Sonnet 4.5 and Haiku 4.5. MiniMax's 50% discount on 4K images ended on Tuesday.

Dates coming up: OpenAI has not yet published a retirement date for Flex processing. StepFun starts billing its StepAudio 3 voice models at 10:00 PM CT on Sunday, November 22. Fast mode for Claude Opus 4.8 is removed and GPT-5.6 Sol's promotional price ends on Monday, November 30. On Tuesday, December 1, Gemini 4 Carbon and Gemini 4 Argon prices double, Gemini 2.5 Pro and 2.5 Flash requests start routing to newer models, and OpenAI shuts down the gpt-image-1.5, gpt-image-1-mini and chatgpt-image-latest image models. OpenAI's GPT-5 and o3 shutdowns follow on Friday, December 11, Google's preview speech models shut down on Friday, December 18, OpenAI ends Fast and Priority processing for EU data residency on GPT-5.2 and GPT-5.4 models on Monday, January 11, 2027, and GPT-6.2's introductory Ultrafast rate ends after Sunday, February 28, 2027.

Items from earlier briefs still stand: Mistral Large 4 (`mistral-large-4`) is generally available at $0.70 input and $2.10 output and returns an HTTP 400 error when `reasoning_effort` is set to `none`; Mistral Medium 3.5 and Mistral Large 3 retire on Friday, April 30, 2027; and OpenAI's 10% uplift on FedRAMP endpoints continues.

Not confirmed today: whether xAI still offers grok-build-0.1, which is missing from its latest prices, Amazon prices, Tencent's main price list and model list, Moonshot's per-search web search prices, IBM's model list, and Microsoft, which lists no pay-as-you-go prices. Their last confirmed prices stand. Performance scores in the chart are still as of October 16 and have not been refreshed since.

What This Means for Customers

- If you plan to build on Genie 4, budget by the second of video. At $17.50 per million video output tokens, Google's stated rate is about $0.10 per second ($6.05 per minute) of streamed video with audio, plus $1.50 per million input tokens, and billing continues until you end the session.
- If you run live voice on `gpt-live-1` or `gpt-live-1.1` over WebRTC, set up standby so silent stretches bill at $0.02 per minute instead of $0.05. Standby applies only while inference is paused.
- If any of your traffic depends on OpenAI's Flex processing, plan now to move it to Standard or Batch. OpenAI will not add Flex to new models and has not yet given a retirement date.
- If you plan Gemini 4 Argon or Carbon spend past December 1, price `gemini-4-neon` alongside them. Neon's $3.00 input and $15.00 output sit below the $4.00 and $20.00 Argon and Carbon move to that day. Output includes thinking tokens on all three, so compare cost per task, not per token.
- If you run GPT-5.2, GPT-5.4 or GPT-5.4 mini with EU data residency on Fast or Priority processing, move that traffic to Standard processing or to a GPT-6.2 model before Monday, January 11, 2027.
- If you still have o1, o3 or o4-mini deployments on Azure, they retired Thursday. Microsoft points Standard deployments to `gpt-5.6-sol` or `gpt-5.6-terra`, and Batch deployments, where those are not offered, to `gpt-5.4` or `gpt-5.4-mini`.
- If you embed chunked documents or page images, Perplexity's `pplx-embed-v2-context-0.6b` costs $0.02 per million text tokens and `pplx-embed-v2-context-9b` $0.12. Requests must set input_type to query or document, or they return an HTTP 400 error.
- If you run `gpt-6-astra`, test `gpt-6.2-astra`. It lists 20% lower on input and output and 60% lower on cached input, but OpenAI changed how GPT-6.2 handles reasoning on edited conversations and the instructions field, so check your integration before you switch.
- If you run `gpt-6.1-sol`, `gpt-6.2-sol` costs the same on Standard, Batch and Fast. If you depend on Flex, keep that work on a model that has a Flex price; OpenAI lists none for GPT-6.2.
- If you plan to use Ultrafast on GPT-6.2, budget for March 1, 2027. The rate goes from three times Standard to six times, which doubles the Ultrafast bill for the same work.

- If your OpenAI jobs can wait two to eight hours, test the background completion windows in the Responses API. Token rates are 30% lower for the two-hour window and 40% lower for the eight-hour window on GPT-6.2 Astra, GPT-6.2 Sol, GPT-6.1 Terra and GPT-6 Luna.
- If your `deepseek-flash` traffic uses DeepSeek's web tools or a web_search tool, searches the model runs no longer add $0.75 per 1,000 on top of tokens. Calls you make straight to the Search or Fetch API still do. The results those searches return still count as model tokens.
- If you fetch known URLs through Perplexity, its Context API bills $0.001 per URL that comes back, and failed URLs are free. Adding scoring criteria adds Decisions API input tokens for each scored page.
- If you run large offline `qwen4-max` jobs in Alibaba's China (Beijing) region, Batch File halves the cost to $0.707 input and $2.12 output per million tokens. Alibaba lists no batch price for International (Singapore).
- If you run `qwen3.8-max` in Alibaba's International region, test `qwen4-max`. It lists 25% lower on input and output ($1.50 and $4.50 against $2.00 and $6.00), and the saving only applies once you change the model string.
- If you build on StepFun's StepAudio 3 voice models, the free period now ends at 10:00 PM CT on Sunday, November 22. Realtime speech then bills at $0.125 per session minute, counted by the second, and text to speech at $14.00 per million input characters.
- If you run Claude Opus 4.5 or Claude Haiku 4.5 on Microsoft Foundry, plan the move to `claude-opus-5-5` or `claude-haiku-5-5` before Monday, February 22, 2027.
- If you run `gemini-3.8-flash` for coding or agent work, test `gemini-4-hydrogen`. Its $1.50 input and $7.50 output are double 3.8 Flash's $0.75 and $3.75 through December 31, but match the price 3.8 Flash moves to on January 1, 2027. Hydrogen's output price includes thinking tokens, so compare cost per task, not per token.
- If you still call `gpt-5`, `gpt-5-mini`, `gpt-5-nano` or `o3`, test `gpt-6.1-sol`, `gpt-6.1-terra` and `gpt-6-luna` before Friday, December 11.
- If you budget for either Gemini 4 model, plan for December 1. Input, cached and output prices all double that day, from $2.00, $0.10 and $10.00 to $4.00, $0.20 and $20.00 per million tokens.
- If you call `gemini-2.5-pro`, test `gemini-3.8-flash` before Tuesday, December 1. At today's list prices the routed requests cost less per token ($0.75 input and $3.75 output through December 31, against 2.5 Pro's $1.25 and $10.00 for prompts up to 200K tokens), but 3.8 Flash rises to $1.50 and $7.50 on January 1, 2027.
- If you call `gemini-2.5-flash`, requests move to `gemini-3.5-flash-lite` on December 1 at the same text list price ($0.30 input, $0.03 cached, $2.50 output). Test the new model first.
- If you rely on `gpt-5.6-sol`, plan for November 30. Its promotional price runs through that date and OpenAI has not published what it costs afterward.
- If you still use Moonshot's K2 models, plan the move to `kimi-k3.1-pro` by December 1. New accounts cannot use K2, and Moonshot expects to retire it in late December.
- If you use fast mode on `claude-opus-4-8`, those requests will return an error after November 30. Move fast-mode work to `claude-opus-5-5`, or drop the fast setting.

New Models and Price Changes

Prices in USD per 1M tokens.

Vendor	Model ID	Status	Input	Cached	Output
Google	`genie-4`	New Thu Nov 19, generally available on the Interactions API; paid tier only. Real-time interactive world generation: 24 fps 16:9 video with 48 kHz stereo audio. Input $1.50 covers text or a reference image. Output: $9.00 per 1M text tokens and $17.50 per 1M video tokens (audio included), about $0.10 per second. No Free tier, Batch, Flex or Priority.	$1.50	Not available	$9.00 text / $17.50 video

Vendor	Model ID	Status	Input	Cached	Output
OpenAI	`gpt-live-1.1`	New Thu Nov 19. Voice sessions billed per second: $0.05 per minute active; $0.02 per minute standby for WebRTC sessions while inference is paused. Backend model and tool usage billed separately.	Per minute	Not applicable	Per minute
OpenAI	`gpt-live-1`	Active rate unchanged at $0.05 per minute. New: $0.02 per minute standby rate for WebRTC sessions while inference is paused.	Per minute	Not applicable	Per minute
OpenAI	`Flex processing`	Now labeled beta; being wound down. Stays on listed models, will not be added to new models; retirement date not yet published.	Not applicable	Not applicable	Not applicable
Perplexity	`Decisions API web grounding URL fetch`	Changed by Thu Nov 19. Each successful URL fetch now $0.0005 (was $0.001); failed fetches not billed. Each search still $0.001, plus input tokens.	$0.0005 per fetch	Not applicable	Not applicable
Alibaba	`mindlab/macaron-v1.1-venti-pro`	Mindlab model, new in Alibaba's International price table. No cached price listed.	$2.00	Not listed	$10.00
Perplexity	`Agent API xhigh effort`	Changed Wed Nov 18: xhigh now uses openai/gpt-6.2-sol with no fallback model, replacing Claude Opus 5.5. xhigh@2026-11-11.0 keeps the old setup. Token rates follow the model's listed rates.	Not applicable	Not applicable	Not applicable
Google	`gemini-4-neon`	Unchanged. New Wed Nov 18, generally available; paid tier only. Output includes thinking tokens. Implicit caching only. One price across the 1M-token context window; long decode up to 1M output tokens. Batch and Flex: $1.50 / $0.075 / $7.50. Priority: $5.40 / $0.27 / $27.00.	$3.00	$0.15	$15.00

Vendor	Model ID	Status	Input	Cached	Output
Perplexity	`pplx-embed-v2-context-9b`	Unchanged. New Wed Nov 18. Contextualized embeddings for queries, document chunks and images; 2,048 dimensions (or 1,024). Images: $0.42 per 1M tokens. input_type is required.	$0.12	Not applicable	Not applicable
Perplexity	`pplx-embed-v2-context-0.6b`	Unchanged. New Wed Nov 18. Same embedding space as the 9b model's 1,024-dimension output; 1,024 dimensions (or 512). Images: $0.40 per 1M tokens.	$0.02	Not applicable	Not applicable
OpenAI	`gpt-6.2-astra`	Listed Tue Nov 17. Prompts up to 272K input tokens. Context window 1.05M; max output 128K. Cache writes: $10.00 (30-minute) or $20.00 (12-hour). Batch: $4.00 / $0.20 / $20.00. Fast: $16.00 / $0.80 / $80.00. Ultrafast: $24.00 / $1.20 / $120.00 through Feb 28, 2027 (Pacific), then $48.00 / $2.40 / $240.00. No Flex price listed.	$8.00	$0.40	$40.00
OpenAI	`gpt-6.2-sol`	Listed Tue Nov 17. Prompts up to 272K input tokens. Context window 1.05M; max output 128K. Cache writes: $2.50 (30-minute) or $5.00 (12-hour). Batch: $1.00 / $0.05 / $5.00. Fast: $4.00 / $0.20 / $20.00. Ultrafast: $6.00 / $0.30 / $30.00 through Feb 28, 2027 (Pacific), then $12.00 / $0.60 / $60.00. No Flex price listed.	$2.00	$0.10	$10.00
OpenAI	`gpt-6.2-astra-law`	New. Legal model configuration. Promotional price through at least Dec 31. Cache writes: $10.00 (30-minute) or $20.00 (12-hour).	$8.00	$0.40	$40.00
OpenAI	`Background completion windows (Responses API, beta)`	New Tue Nov 17. Token rates 30% below Standard for the 2-hour window and 40% below for the 8-hour window, for gpt-6.2-astra, gpt-6.2-sol, gpt-6.1-terra and gpt-6-luna.	-30% / -40%	-30% / -40%	-30% / -40%

Vendor	Model ID	Status	Input	Cached	Output
DeepSeek	`Search API / Fetch API`	Changed 10:00 PM CT Tue Nov 17. Searches and page fetches the model runs through server-side tools are no longer billed; their results are billed as model tokens. Direct Search API and Fetch API calls: $0.75 per 1,000 successful requests each, unchanged.	Per request	Not applicable	Per request
Perplexity	`Context API`	Per-URL price unchanged since Tue Nov 17: $1.00 per 1,000 URLs returned ($0.001 per URL); failed URLs are free. New: requests with scoring criteria also bill Decisions API input tokens (page text plus your questions, per scored page). Requests without criteria have no token billing.	Per URL	Not applicable	Not applicable
Alibaba	`qwen4-max (Batch, China (Beijing) region)`	Unchanged. New Tue Nov 17. Batch File price, half the region's $1.413 input / $4.24 output list price. Batch Chat: limited-time 50% off list, no end date stated. No batch price listed for the International (Singapore) region.	$0.707	Not listed	$2.12
Perplexity	`Monitor API`	Unchanged. Price listed Mon Nov 16. $0.001 per succeeded Search run (billed once however many searches it performs) and $0.001 per counted URL a succeeded Page run retrieves; $1 per 1,000. Failed and skipped runs are free.	Per run	Not applicable	Per URL
OpenAI	`omni-moderation-csam-latest`	Unchanged. New Mon Nov 16. Image classifier on the moderations endpoint. No cost; approved organizations only.	Free	Not applicable	Free

Vendor	Model ID	Status	Input	Cached	Output
Alibaba	`qwen4-max`	Unchanged. New Mon Nov 16; Alibaba's latest model. International (Singapore) region; same price in thinking and non-thinking modes across the 1M-token context window. Cache writes: $1.875 (5-minute) or $3.00 (1-hour). Free quota of 1 million tokens for new Singapore users, valid 90 days. Other listed regions: $1.413 input / $4.24 output.	$1.50	$0.075	$4.50
Tencent	`hy4-flash`	Watch item. Listed Mon Nov 16 in Tencent's model list. No price published yet. Hy4 Preview (hy4-preview) is now marked to be discontinued, with no date.	Not listed	Not listed	Not listed
Google	`gemini-4-hydrogen`	Unchanged. New Thu Nov 12, generally available. Output includes thinking tokens. Implicit caching only. Flat price across the 1M-token context window. Batch and Flex: $0.75 / $0.0375 / $3.75. Priority: $2.70 / $0.135 / $13.50. Free tier offered.	$1.50	$0.075	$7.50
DeepSeek	`File parsing and OCR API`	Unchanged. New Fri Nov 13. $0.225 per 1,000 pages.	Per page	Not applicable	Not applicable
DeepSeek	`Text to speech (TTS) API`	Unchanged. New Fri Nov 13. $0.45 per 10,000 characters; limited-time price $0.225 (50% off), no end date stated.	Per character	Not applicable	Not applicable
DeepSeek	`Speech to text (ASR) API`	Unchanged. New Fri Nov 13. $0.116 per hour of audio; limited-time price $0.058 (50% off), no end date stated.	Per hour	Not applicable	Not applicable
Google	`gemini-decision-1`	Unchanged. New Wed Nov 11. Decisions API only. Input covers text, image, video, audio and PDF; zero output tokens. No context caching; no Batch API. Free tier offered.	$0.10	Not available	Not applicable
Alibaba	`qwen4-max-preview`	Watch item. Earlier preview of Qwen4-Max. No price published yet.	Not listed	Not listed	Not listed

Vendor	Model ID	Status	Input	Cached	Output
Google	`gemini-4-carbon`	Unchanged. Listed Tue Nov 10. Introductory price through Nov 30; from Tue Dec 1: $4.00 input / $0.20 cached / $20.00 output. Output includes thinking tokens. Implicit caching only. Paid tier only. Context window of 1M tokens.	$2.00	$0.10	$10.00
Google	`gemini-4-argon`	Unchanged. Same prices as Gemini 4 Carbon, including the Dec 1 step to $4.00 / $0.20 / $20.00.	$2.00	$0.10	$10.00
Anthropic	`claude-fable-5-2`	Unchanged. Listed Mon Nov 9. Cache writes: $10.00 (5-minute) or $16.00 (1-hour). Full 1M context at standard pricing; 128K max output. Fast mode: $16.00 input / $80.00 output. Fable 5.1 unchanged at $10.00 / $50.00.	$8.00	$0.20	$40.00
Meta	`muse-ember-1.0`	Unchanged. Listed Mon Nov 9. Prompts up to 200K tokens. Over 200K the whole request bills at $0.30 input / $0.012 cached / $1.50 output. No cache-write price published. Web search grounding $2.50 per 1,000 queries.	$0.10	$0.004	$0.50
Anthropic	`claude-mythos-5-2`	Unchanged. Same prices as Fable 5.2, limited to organizations Anthropic has verified.	$8.00	$0.20	$40.00
MiniMax	`MiniMax-H3-Image`	Discount back today. Image model listed Nov 10. Text input $2.30, image input $1.50, image output $3.80. Highspeed version: $2.30 / $3.00 / $7.60. The 50% discount on 4K images (images of at least 16,600,000 pixels) ended Tue Nov 17 and is listed again today with no end date stated: 4K example $0.03439 instead of $0.06879 on H3-Image; Highspeed 4K example $0.06501 instead of $0.13001.	$2.30	Not listed	$3.80
OpenAI	`gpt-5.6-sol`	Unchanged. Promotional price through Nov 30; not in OpenAI's main price table. No post-promo price published.	$4.00	$0.40	$20.00

Vendor	Model ID	Status	Input	Cached	Output
StepFun	`stepaudio-3-realtime`	Free period runs to Sun Nov 22, 10:00 PM CT (12:00 PM Nov 23, China time); price unchanged: then $0.125 per session minute, billed by the second, partial seconds billed as full seconds.	Per minute	Not applicable	Per minute
StepFun	`stepaudio-3-tts`	Free period runs to Sun Nov 22, 10:00 PM CT; price unchanged: $14.00 per million billable input characters. Voice cloning or design: $1.50 per voice.	Per character	Not applicable	Not applicable
Google	`gemini-embedding-2-preview`	Unchanged. Deprecated Fri Nov 6. Requests route to gemini-embedding-2 and bill at Gemini Embedding 2 rates.	See status	See status	See status
Alibaba	`qwen-audio-3.1-asr-flash`	Unchanged. Listed Nov 9 (international). qwen-audio-3.0-asr-flash: $0.000035 per second of input audio, output free.	$0.15	Not listed	$0.47
MiniMax	`image-01-live`	Unchanged. Listed Nov 9. $0.0035 per image.	Per image	Not applicable	Per image
OpenAI	`gpt-image-2.6-sunburst`	Unchanged. Image model listed Nov 4. Image tokens $8.00 input / $30.00 output / $2.00 cached; text tokens $5.00 input / $1.25 cached; no separate text output price listed.	$8.00	$2.00	$30.00
OpenAI	`gpt-image-2.6-flare`	Unchanged. Image model listed Nov 4. Same list prices as Sunburst: image $8.00 / $30.00 / $2.00 cached; text $5.00 / $1.25 cached.	$8.00	$2.00	$30.00
Mistral	`mistral-large-4`	Unchanged. Generally available since Nov 5. Named replacement for Mistral Medium 3.5 and Mistral Large 3. No cache-write price published.	$0.70	$0.07	$2.10
Tencent	`hy4`	Unchanged. Listed Nov 4. Same list price per Tencent's documentation. Billed at 50% of list through Dec 31 (Beijing time); start date not stated. Main price list not confirmed today.	$0.834	$0.042	$2.501

Vendor	Model ID	Status	Input	Cached	Output
Google	`gemini-2.5-pro`	Deprecated (notice Mon Nov 2). From Tue Dec 1, requests route to gemini-3.8-flash and bill at its rates. Prices shown are for prompts up to 200K tokens.	$1.25	$0.125	$10.00
Google	`gemini-2.5-flash`	Deprecated (notice Mon Nov 2). From Tue Dec 1, requests route to gemini-3.5-flash-lite, whose text prices are the same.	$0.30	$0.03	$2.50
OpenAI	`gpt-6-rosalind`	Unchanged. Limited to organizations approved for life sciences research. Cache writes: $18.75 (30-minute) or $37.50 (12-hour).	$15.00	$1.50	$75.00
OpenAI	`gpt-6-astra-law`	Unchanged. Promotional price through at least Dec 31. GPT-6.2 version listed above.	$10.00	$1.00	$50.00
OpenAI	`FedRAMP endpoints`	In effect since Nov 1: 10% uplift on token prices. Standard global endpoint unchanged.	+10%	+10%	+10%
DeepSeek	`deepseek-flash (also serves deepseek-v4-flash)`	Off-peak price; unchanged. Peak-hour prices are double.	$0.15	$0.003	$0.60
DeepSeek	`deepseek-v4-pro`	Off-peak price; unchanged. Peak-hour prices are double.	$0.66	$0.022	$1.98
OpenAI	`gpt-6.1-terra`	Unchanged. Cache writes: $1.25 (30-minute) or $2.50 (12-hour). Prompts over 272K input tokens: 2x input and cache, 1.5x output, for the whole request.	$1.00	$0.05	$5.00
OpenAI	`gpt-6.1-sol`	Unchanged. Same Standard price as gpt-6.2-sol; Terra costs half on every line.	$2.00	$0.10	$10.00
Google	`Grounding with Google Search (Gemini 3 and newer)`	Unchanged. Daily cap of 1,500 requests; 5,000 free searches a month, then $14 per 1,000.	Per request	Not applicable	Per request
Moonshot	`Web search (Responses API and Kimi K3 built-in tool)`	Terms unchanged. Billed per search the server runs, plus model tokens. Per-call prices still not displayed; not confirmed.	Per call	Not applicable	Per call

Vendor	Model ID	Status	Input	Cached	Output
Moonshot	`kimi-k3.1-pro`	Unchanged (standard rate). Cache writes: $2.00 (5-minute) or $4.00 (1-hour).	$2.00	$0.20	$10.00
Moonshot	`kimi-k2.7-code`	Unchanged price. Listed as deprecated; closed to new accounts; retirement expected late December.	$0.95	$0.19	$4.00
Moonshot	`kimi-k2.6`	Unchanged price. Listed as deprecated; closed to new accounts; retirement expected late December.	$0.95	$0.16	$4.00
Google	`gemini-3.8-flash (also serves gemini-3.7-flash)`	Labeled previous-generation. Standard tier unchanged through Dec 31; $1.50 / $0.15 / $7.50 from Jan 1, 2027. Replacement for gemini-2.5-pro from Dec 1.	$0.75	$0.075	$3.75
Alibaba	`qwen3.8-max`	Unchanged. International (Singapore) region.	$2.00	Not listed	$6.00
MiniMax	`MiniMax-M3.1-Flash`	Unchanged.	$0.15	$0.015	$0.60
Meta	`muse-spark-1.3`	Unchanged (Standard mode).	$1.25	$0.15	$4.25
Tencent	`Hy3`	Last confirmed Mon Nov 2. Not confirmed today. No cache-write price published.	$0.132	$0.033	$0.528
TypeSafe	`jev-1.14.0`	Unchanged. jev-latest points here. Output free.	$0.042	Not listed	Free
IBM	`granite-4-h-small`	Last confirmed price. Not confirmed today.	$0.0636	Not listed	$0.265

- No standard list token price changed on an existing generally available text or chat model since Thursday's brief at any vendor I could confirm. Genie 4 and GPT-Live-1.1 are new, GPT-Live gained a standby rate, and Alibaba lists one new model, and Perplexity halved its Decisions API URL fetch fee. MiniMax's 4K image discount is back. Tencent has published no price for Hy4 Flash, and Alibaba has published no price for qwen4-max-preview.
- Prices match the last confirmed figures at Anthropic, OpenAI, Google, xAI (Grok), DeepSeek, Moonshot, Z.ai, MiniMax, Mistral, Alibaba, Cohere, Meta, ByteDance, TypeSafe, StepFun and Perplexity.
- Prices from Amazon and Tencent's main price list could not be confirmed today (Tencent's Hy4 figures come from its documentation), Moonshot's per-search prices did not display, IBM's model list could not be confirmed, and Microsoft lists no pay-as-you-go prices. Their last confirmed prices stand, unverified today.

Deprecations

Vendor	Model ID	Shutdown (CT)	Replacement	Note

Moonshot	`kimi-k2.6`
	`kimi-k2.7-code`
	`kimi-k2.7-code-highspeed`
	`(all K2 models)`
		Late December 2026 (no exact date)	`kimi-k3.1-pro`	Unchanged. Closed to newly registered accounts; existing accounts keep access until retirement.

Vendor	Model ID	Shutdown (CT)	Replacement	Note
Google	`gemini-embedding-2-preview`	Fri Nov 6, 2026 (in effect)	`gemini-embedding-2`	Unchanged. Requests route automatically to the replacement and bill at its rates.
Microsoft (Azure)	`Llama-4-Maverick-17B-128E-Instruct-FP8`	Thu Nov 19, 2026 (in effect; time not stated)	`None named`	Unchanged.

Microsoft (Azure)	`o1`
	`o1-pro`
	`o3`
	`o3-pro`
	`o3-deep-research`
	`o3-mini`
	`o4-mini`
		Thu Nov 19, 2026 (in effect; time not stated)	`gpt-5.6-sol`
			`gpt-5.6-terra (o3-mini, o4-mini)`
				Replacement guidance added Wed Nov 18. Where gpt-5.6 is not offered: Global and US Data Zone Batch to gpt-5.4 or gpt-5.4-mini, EU Data Zone Batch to gpt-4.1 or gpt-4.1-mini, Regional Standard to gpt-5.1. Applies to Azure deployments, not OpenAI's own API.

Anthropic	`claude-opus-4-8 (fast mode only)`	Mon Nov 30, 2026 (time not stated)	`claude-opus-5-5 (fast mode)`	Unchanged. Fast-mode requests to claude-opus-4-8 will return an error after removal.
Anthropic	`claude-sonnet-4-5-20250929`	Mon Nov 30, 2026 (time not stated)	`claude-sonnet-5-5`	Unchanged.

OpenAI	`gpt-image-1.5`
	`gpt-image-1.5-2025-12-16`
	`gpt-image-1-mini`
	`chatgpt-image-latest`
		Tue Dec 1, 2026 (time not stated)	`gpt-image-2.6-sunburst or gpt-image-2.6-flare`	Image models removed from the API. Notice dated Jun 2.

Google	`gemini-2.5-pro` `gemini-2.5-flash`	Tue Dec 1, 2026 (time not stated)	`gemini-3.8-flash` `gemini-3.5-flash-lite`	Unchanged. Requests route automatically to the replacement and bill at its rates. gemini-2.5-flash-lite is not affected.
Microsoft (Azure)	`Ministral-3B` `mistral-medium-2505`	Wed Dec 9, 2026 (time not stated)	`ministral-ministral-4b-instruct` `mistral-medium-3-5`	Unchanged. Applies to Azure deployments, not Mistral's own API.

OpenAI	`gpt-5`
	`gpt-5-mini`
	`gpt-5-nano`
	`gpt-5-pro`
	`o3`
	`o3-pro (dated snapshots)`
		Fri Dec 11, 2026 (time not stated)	`gpt-6.1-sol`
			`gpt-6.1-terra`
			`gpt-6-luna`
				Date unchanged; replacements newly named. gpt-5 and o3 move to gpt-6.1-sol, gpt-5-mini to gpt-6.1-terra, gpt-5-nano to gpt-6-luna, and gpt-5-pro and o3-pro to gpt-6.1-sol in pro reasoning mode.

Google	`gemini-3.1-flash-tts-preview`
	`gemini-2.5-flash-preview-tts`
	`gemini-2.5-pro-preview-tts`
		Fri Dec 18, 2026 (time not stated)	`gemini-3.8-flash-tts or gemini-3.8-flash-lite-tts`	Unchanged since the move from Tue Nov 17.

OpenAI	`gpt-5.2`
	`gpt-5.4`
	`gpt-5.4-mini`
	`(EU data residency, Fast or Priority processing)`
		Mon Jan 11, 2027 (time not stated)	`Same models on Standard processing or GPT-6.2 models`	New notice Wed Nov 18. EU data residency on Standard processing is not affected.

OpenAI	`gpt-4.1`
	`gpt-4.1-mini`
	`gpt-4o-2024-08-06`
	`gpt-4o-2024-11-20`
	`gpt-4o-mini-2024-07-18`
		Wed Jan 13, 2027, 6:00 PM CT	`gpt-6-luna`	Unchanged. OpenAI lists Jan 14, 2027 with no time; 6:00 PM CT Jan 13 is 00:00 UTC Jan 14.

Vendor	Model ID	Shutdown (CT)	Replacement	Note
Microsoft (Azure)	`gpt-4o (version 2024-05-13)`	Thu Jan 14, 2027 (time not stated)	`gpt-5.1 (version 2025-11-13)`	Unchanged. Applies to Azure deployments, not OpenAI's own API.
Microsoft (Azure)	`Llama-3.3-70B-Instruct`	Sun Jan 31, 2027 (time not stated)	`None named`	Unchanged.
Microsoft (Azure)	`cohere-command-a mistral-small-2503`	Mon Feb 15, 2027 (time not stated)	`Cohere-command-a-plus-05-2026 mistralai-mistral-small-4-119b-2603`	Unchanged.
Microsoft (Azure)	`claude-opus-4-5 claude-haiku-4-5`	Mon Feb 22, 2027 (time not stated)	`claude-opus-5-5 claude-haiku-5-5`	Unchanged since the Mon Nov 16 move from 2026 dates; replacements named. Applies to Microsoft Foundry deployments, not Anthropic's own API.
Google	`gemini-2.5-flash-native-audio-preview-12-2025`	Wed Mar 31, 2027 (time not stated)	`gemini-3.8-live`	Unchanged since the move from Tue Nov 17.
OpenAI	`gpt-5.4-nano gpt-5.4-nano-2026-03-17`	Thu Apr 1, 2027 (time not stated)	`gpt-6-luna`	Unchanged. Also retiring that day: gpt-5.3-codex and gpt-5.1, with gpt-6-sol as their replacement.
OpenAI	`gpt-image-2 gpt-image-2-2026-04-21`	Wed Feb 10, 2027 (time not stated)	`gpt-image-2.6-sunburst or gpt-image-2.6-flare`	Unchanged. Image model removed from the API.
Microsoft (Azure)	`Kimi-K2.6 Kimi-K2.7-Code`	Fri Apr 16, 2027 (time not stated)	`None named`	Unchanged. Azure's date is later than Moonshot's own K2 retirement.
Mistral	`mistral-medium-3-5 mistral-large-2512`	Fri Apr 30, 2027 (time not stated)	`mistral-large-4`	Unchanged. Deprecated Sat Oct 31; still callable until retirement. Prices no longer listed.
Microsoft (Azure)	`embed-v-4-0`	Tue Jun 1, 2027 (time not stated)	`Cohere-embed-v5-fast, Cohere-embed-v5-pro`	Unchanged.
Microsoft (Azure)	`Cohere-rerank-v4.0-fast Cohere-rerank-v4.0-pro`	Tue Sep 14, 2027 (time not stated)	`Cohere-rerank-v5-fast Cohere-rerank-v5-pro`	Moved one day from Mon Sep 13 in Microsoft's Wed Nov 18 update.
Microsoft (Azure)	`gpt-oss-120b`	Wed Sep 15, 2027 (time not stated)	`None named`	Unchanged.
Microsoft (Azure)	`DeepSeek-V3.2 DeepSeek-V3.2-Speciale`	Tue Nov 2, 2027 (V3.2); Mon Nov 1, 2027 (V3.2-Speciale); time not stated	`DeepSeek-V4.1-Flash DeepSeek-V4-Pro`	DeepSeek-V3.2 moved one day from Mon Nov 1 in Microsoft's Wed Nov 18 update.
Google	`gemini-3.1-flash-live-preview`	No shutdown date announced	`gemini-3.8-live`	Unchanged. Was Tue Nov 17; Google now lists no date.
Anthropic	`claude-haiku-4-5-20251001`	Not sooner than Thu Oct 15, 2026; no date set	`None named`	Watch item. Still active with no date set.

Vendor	Model ID	Shutdown (CT)	Replacement	Note

Cohere	`command-r`
	`command-r-plus`
		Deprecated Sep 15, 2025; no shutdown date set	`command-r-08-2024`
			`command-r-plus-08-2024`
			`command-a-03-2025`
				Closed to new customers; existing users keep access until retirement.

- OpenAI says Flex processing is a beta it is winding down. It remains on the models that list it, will not be added to new models, and OpenAI will publish the retirement date once confirmed.
- Microsoft's Azure retirement table, updated November 18, also moves gpt-image-1.5 on Azure to June 16, 2027 (OpenAI's own API still removes it on December 1), gpt-4o-transcribe (version 2025-03-20) to February 26, 2027, and gpt-4o-mini-transcribe and gpt-4o-mini-tts (version 2025-03-20) to January 20, 2027. It now lists Azure retirement dates for the GPT-6 models, the earliest October 26, 2027 for gpt-6.1-terra.
- Retirement of two preview versions of Microsoft's Azure model-router (2025-05-19 and 2025-08-07) stands at January 27, 2027.
- Microsoft has pushed Azure retirement for gpt-5-mini (version 2025-08-07) and gpt-5.1 (version 2025-11-13) out to July 13, 2027. These Azure dates do not change OpenAI's own API dates.
- OpenAI's transcription notice is unchanged: whisper-1, gpt-4o-transcribe, gpt-4o-mini-transcribe, gpt-4o-transcribe-diarize and the /v1/audio/translations endpoint shut down February 26, 2027.

Price Tracker

Shares of the full tracked population.

- Tracked models: 1,934 (count as of October 25).
- Audited pricing, confirmed against the vendor's own published prices: 13.1% of the full tracked population.
- Unaudited pricing: 5.3%.
- The rest have no public per-token price (47.6%: self-hosted open weights, retired or unpublished) or are duplicate listings of another tracked model (34.0%).

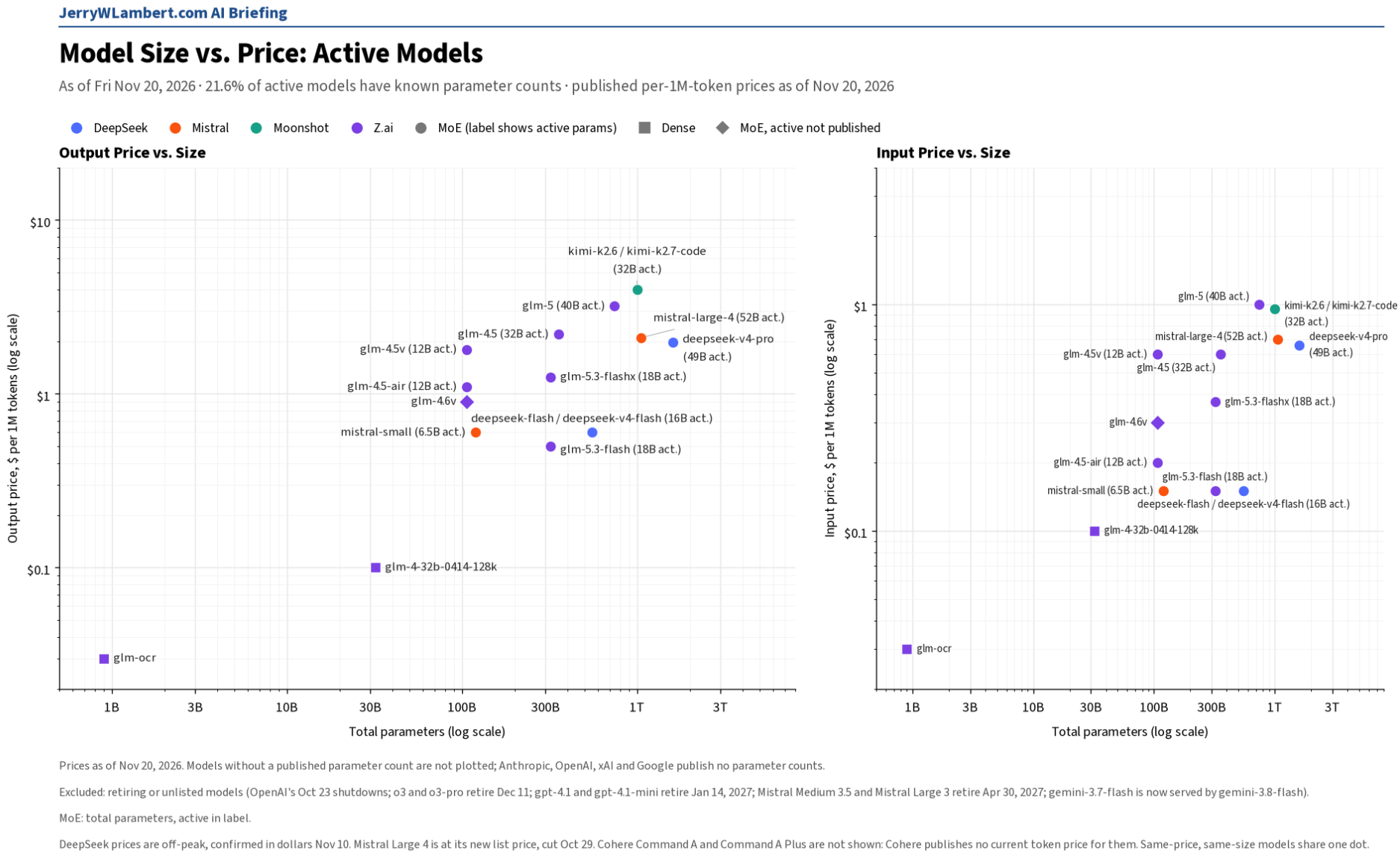
Agent Platforms

Hosted AI agents that come with their own persistent cloud computer.

- **Grok Bot (xAI)**: its own persistent cloud computer. On the X Subscription it is included on Premium, Super and Ultra, draws from the same weekly usage pool as Cursor and the Grok apps, and prepaid credit covers usage past the pool. The latest release is v1.2.3 (dated November 18, after v1.2.0 on November 16): connector pages let you set each tool to Always allow, Auto-review, Needs approval or Blocked, a routine that loses a connector sign-in skips its scheduled runs until you sign back in and sends its reconnect card as a notification and as a Slack or Microsoft Teams message, and signing up requires being 18 or older. Plan prices could not be re-checked today; last confirmed unchanged.
- **dots (OpenAI)**: not verified today. Last confirmed: a dot "has its own cloud computer," and the first comes with Pro and Business Premium at no extra cost.
- **Muse (Meta)**: "You and your Muse share your own dedicated computer in the cloud." Runs on Muse Spark 1.3, whose API price is unchanged at $1.25 input, $0.15 cached and $4.25 output per million tokens. Muse subscription billing could not be verified today.
- **Manus**: the Cloud Computer add-on is a persistent server billed separately at $30 a month (2 vCPUs, 4 GB RAM, 70 GB storage) or $50 a month (2 vCPUs, 8 GB RAM, 120 GB storage). No change.
- **Genspark Claw**: runs "on a dedicated cloud computer provisioned just for you," which requires a Lite, Standard or Powerful Cloud Computer subscription, a flat monthly fee, and an idle cloud computer does not use credits. Genspark publishes no dollar amounts on its help pages. No change to pricing.

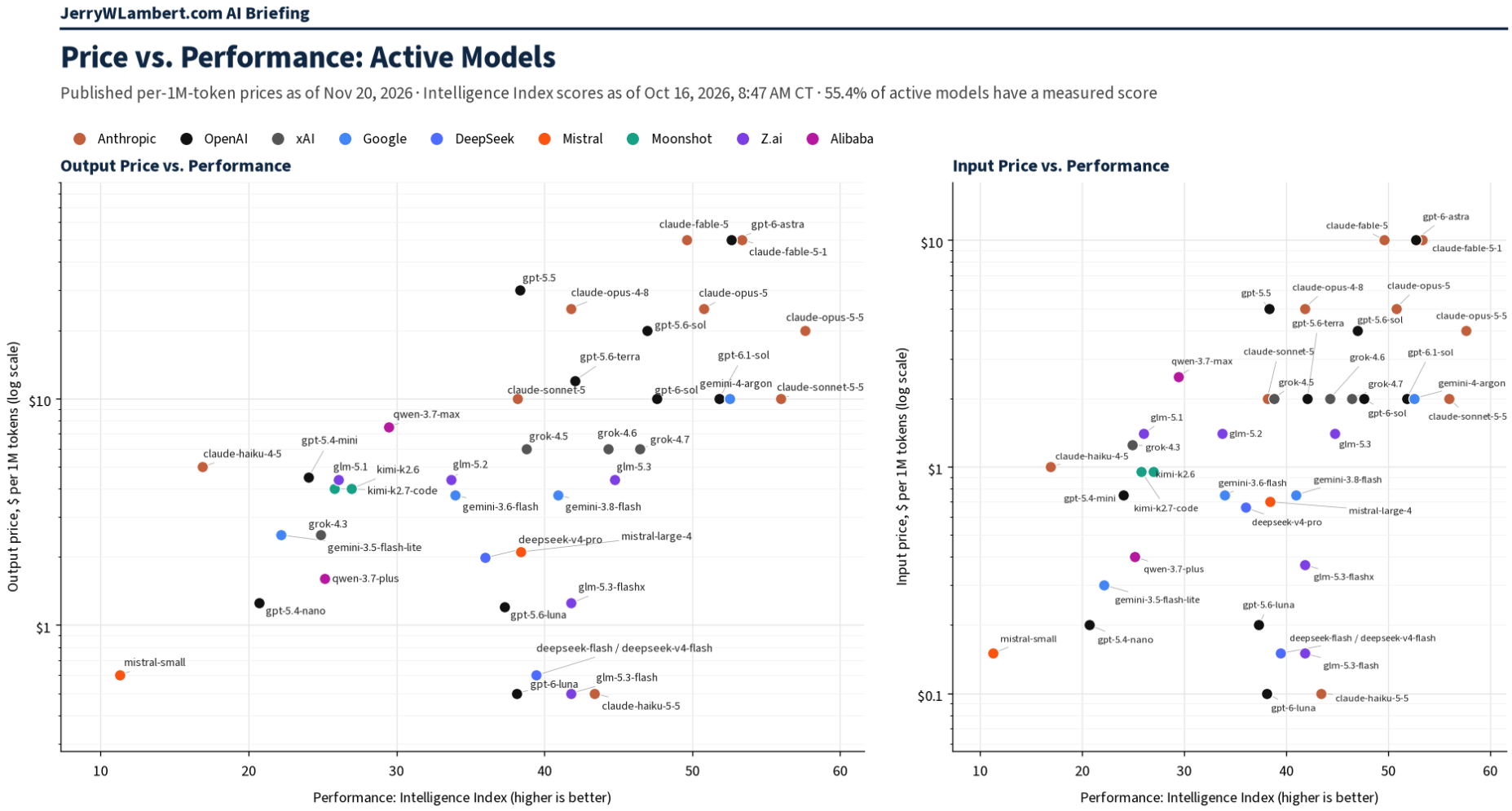
All times Central. Vendor prices, dates and model IDs are as of 8:50 AM CT on November 20, 2026. Chart prices are as of November 20, 2026. Performance scores are as of October 16, 2026 and have not been refreshed since. Recently released models, including Claude Fable 5.2, Muse Ember 1.0, Gemini 4 Carbon, Gemini Decision, Gemini 4 Hydrogen, Qwen4-Max, GPT-6.2 Astra, GPT-6.2 Sol, Gemini 4 Neon and Genie 4, are not yet in the charts. Price Tracker percentages are shares of the full tracked population; chart percentages are shares of active models. Items that could not be confirmed are marked unverified.
© 2026 Jerry W. Lambert Sr.

Model Size vs. Price



Among active models with a known parameter count (21.6% of active models), price rises with total size (rank correlation 0.69 on output price). No plotted price changed since Thursday. Anthropic, OpenAI, xAI and Google publish no parameter counts, so their models are not plotted. Gemini 2.5 Pro and 2.5 Flash, now retiring, are not counted as active in either chart. Prices as of November 20, 2026.

Price vs. Performance



Among active models with a performance score (55.4% of active models), price rises with performance only loosely (rank correlation 0.55 on output price). Claude Haiku 5.5 leads at $0.50 or less (43.4). At the frontier, Gemini 4 Argon scores 52.6 and GPT-6.1 Sol 51.8, each at $10 output, while xAI's Grok 4.7 scores 46.5 at $6. Scores as of October 16, 2026 (not refreshed since); prices as of November 20, 2026.