



Google DeepMind 

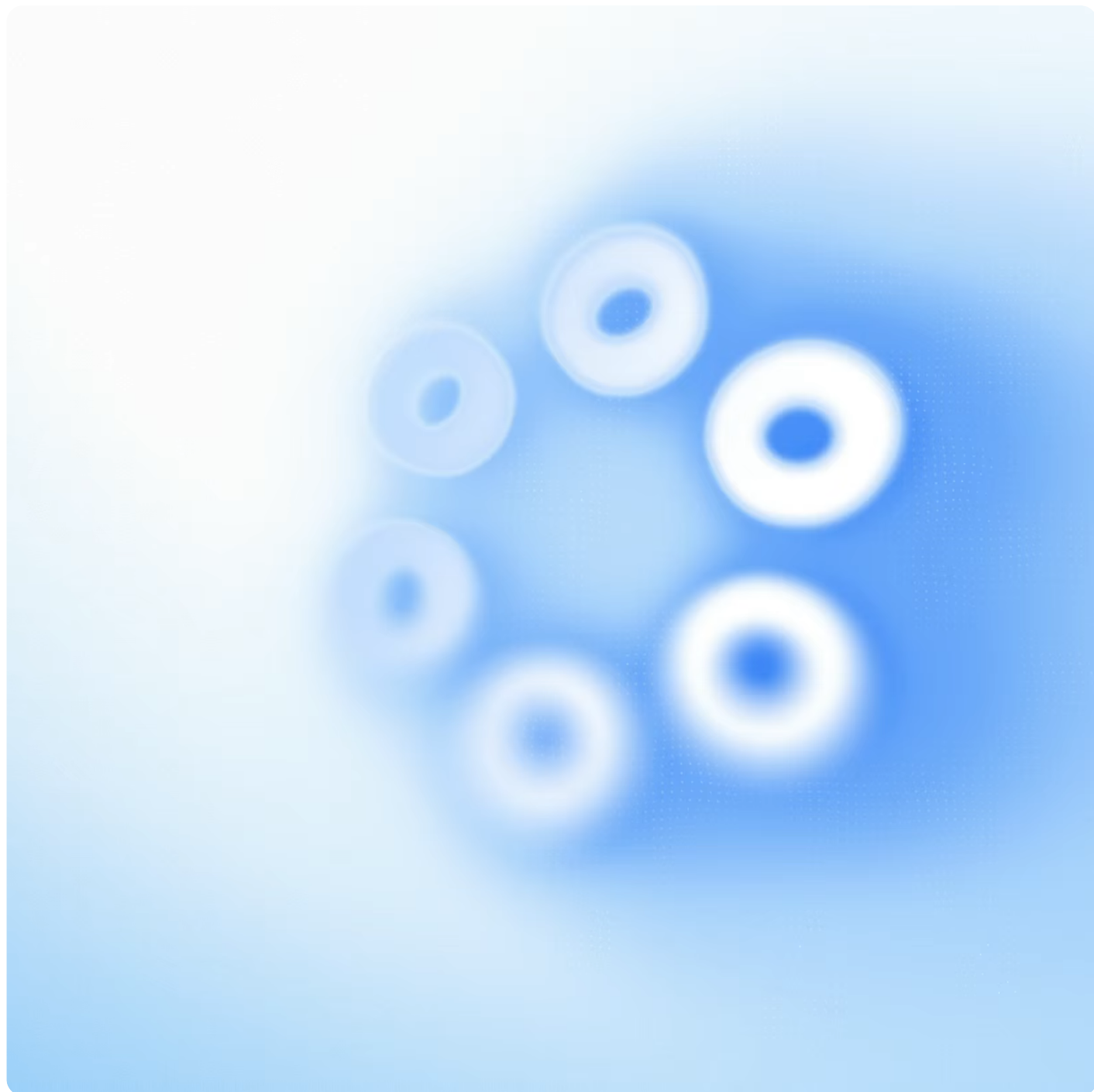
3.5 PRO COMING SOON

Gemini 3.1 Pro

Best for complex tasks and bringing creative concepts to life

Try in Gemini

Build with Gemini



A smarter model to help you learn, plan, and build like never before.

Capabilities

Hands-on

Performance

Model information

Partner with a pro
With advanced reasoning capabilities



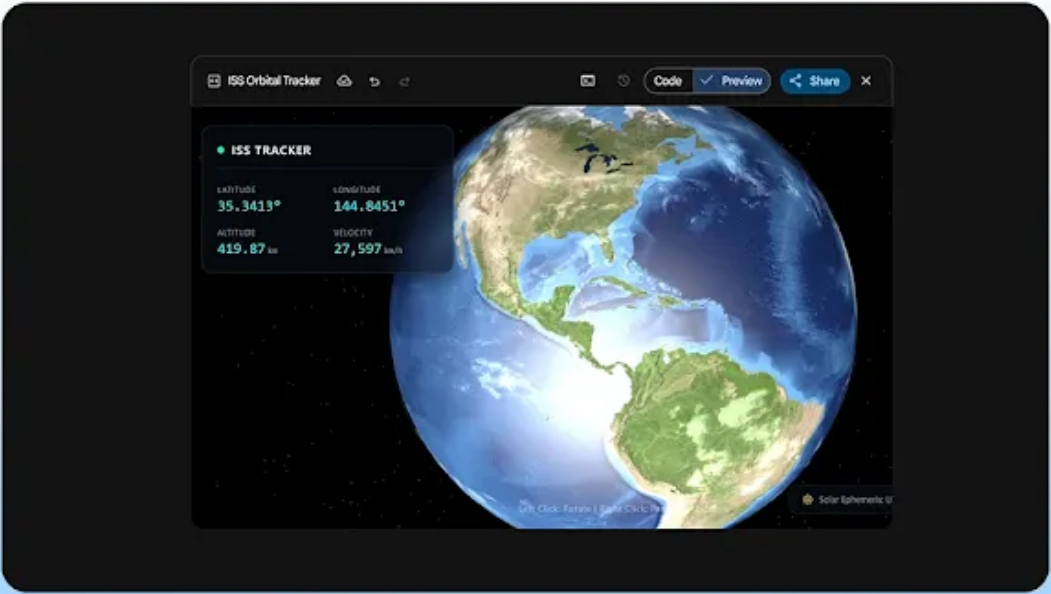
Reasoning with unprecedented depth and nuance
Smart, concise, direct responses – with genuine insight over cliché and flattery.

Advanced multimodal understanding
Text, images, video, audio – even complex tasks with unprecedented depth and nuance

Google DeepMind

Hands-on

Explore what you can do with Gemini 3.1 Pro



Transform real-time data into a stunning, interactive visualization

Gemini 3.1 Pro uses advanced reasoning to configure live telemetry streams to build dynamic applications like this aerospace dashboard.



Performance

Gemini 3.1 raises the bar across a wide range of benchmarks.

Benchmark		Gemini 3.1 Pro Thinking (High)	Gemini 3 Pro Thinking (High)	Sonnet 4.6 Thinking (Max)	Opus 4.6 Thinking (Max)	GPT-5.2 Thinking (xhigh)	GPT-5.3-Codex Thinking (xhigh)
Humanity's Last Exam Academic reasoning (full set, text + MM)	No tools	44.4%	37.5%	33.2%	40.0%	34.5%	—
	Search (blocklist) + Code	51.4%	45.8%	49.0%	53.1%	45.5%	—
ARC-AGI-2 Abstract reasoning puzzles	ARC Prize Verified	77.1%	31.1%	58.3%	68.8%	52.9%	—
GPQA Diamond Scientific knowledge	No tools	94.3%	91.9%	89.9%	91.3%	92.4%	—
Terminal-Bench 2.0 Agentic terminal coding	Terminus-2 harness	68.5%	56.9%	59.1%	65.4%	54.0%	64.7%
	Other best self-reported	—	—	—	—	62.2%	77.3%

Google DeepMind		Gemini 3.1 Pro Thinking (High)	Gemini 3 Pro Thinking (High)	Sonnet 4.6 Thinking (Max)	Opus 4.6 Thinking (Max)	GPT-5.2 Thinking (xhigh)	GPT-5.3-Codex Thinking (xhigh)
	harness					(Codex)	(Codex)
SWE-Bench Verified Agentic coding	Single attempt	80.6%	76.2%	79.6%	80.8%	80.0%	—
SWE-Bench Pro (Public) Diverse agentic coding tasks	Single attempt	54.2%	43.3%	—	—	55.6%	56.8%
LiveCodeBench Pro Competitive coding problems from Codeforces, ICPC, and IOI	Elo	2887	2439	—	—	2393	—
SciCode Scientific research coding		59%	56%	47%	52%	52%	—
APEX-Agents Long horizon professional tasks		33.5%	18.4%	—	29.8%	23.0%	—
GDPval-AA Elo Expert tasks		1317	1195	1633	1606	1462	—
t2-bench Agentic and tool use	Retail	90.8%	85.3%	91.7%	91.9%	82.0%	—
	Telecom	99.3%	98.0%	97.9%	99.3%	98.7%	—
MCP Atlas Multi-step workflows using MCP		69.2%	54.1%	61.3%	59.5%	60.6%	—
BrowseComp Agentic search	Search + Python + Browse	85.9%	59.2%	74.7%	84.0%	65.8%	—
MMMU-Pro Multimodal understanding and reasoning	No tools	80.5%	81.0%	74.5%	73.9%	79.5%	—
MMMLU Multilingual Q&A		92.6%	91.8%	89.3%	91.1%	89.6%	—
MRCR v2 (8-needle) Long context performance	128k (average)	84.9%	77.0%	84.9%	84.0%	83.8%	—
	1M (pointwise)	26.3%	26.3%	Not supported	Not supported	Not supported	—
Methodology: deepmind.google/models/evals-methodology/gemini-3-1-pro							

Model information

	3.1 Pro
Status	Preview
Input	    
Output	    
Input tokens	1M
Output tokens	64k
Knowledge cutoff	January 2025
Tool use	Function calling Structured output Search as a tool Code execution
Best for	Agentic

Google DeepMind	Advanced coding Long context understanding Multimodal understanding Algorithmic development
Availability	Gemini App Google AI Studio Gemini API Gemini Enterprise Agent Platform Google AI Mode Google Antigravity
Documentation	View developer docs
Model card	View model card

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