🏠   News   Introducing DeepSeek-V3 2024/12/26

🚀 Introducing DeepSeek-V3

Biggest leap forward yet

- ⚡ 60 tokens/second (3x faster than V2!)
- 💪 Enhanced capabilities
- 🛠️ API compatibility intact
- 🌍 Fully open-source models & papers

Hi, I'm DeepSeek.

How can I help you today?

Write a romance novel

DeepThink   Search NEW

AI-generated, for reference only

Benchmark (Metric)		DeepSeek-V3	Qwen2.5 72B-Inst.	Llama3.1 405B-Inst.	Claude-3.5-Sonnet-1022	GPT-4o 0513
Architecture		MoE	Dense	Dense	-	-
# Activated Params		37B	72B	405B	-	-
# Total Params		671B	72B	405B	-	-
English	MMLU (EM)	88.5	85.3	**88.6**	88.3	87.2
	MMLU-Redux (EM)	**89.1**	85.6	86.2	88.9	88
	MMLU-Pro (EM)	75.9	71.6	73.3	**78**	72.6
	DROP (3-shot F1)	**91.6**	76.7	88.7	88.3	83.7
	IF-Eval (Prompt Strict)	86.1	84.1	86	**86.5**	84.3
	GPQA-Diamond (Pass@1)	59.1	49	51.1	**65**	49.9
	SimpleQA (Correct)	24.9	9.1	17.1	28.4	**38.2**
	FRAMES (Acc.)	73.3	69.8	70	72.5	**80.5**
	LongBench v2 (Acc.)	**48.7**	39.4	36.1	41	48.1
Code	HumanEval-Mul (Pass@1)	**82.6**	77.3	77.2	81.7	80.5
	LiveCodeBench(Pass@1-COT)	**40.5**	31.1	28.4	36.3	33.4
	LiveCodeBench (Pass@1)	**37.6**	28.7	30.1	32.8	34.2
	Codeforces (Percentile)	**51.6**	24.8	25.3	20.3	23.6
	SWE Verified (Resolved)	42	23.8	24.5	**50.8**	38.8
	Aider-Edit (Acc.)	79.7	65.4	63.9	**84.2**	72.9
	Aider-Polyglot (Acc.)	**49.6**	7.6	5.8	45.3	16
Math	AIME 2024 (Pass@1)	**39.2**	23.3	23.3	16	9.3
	MATH-500 (EM)	**90.2**	80	73.8	78.3	74.6
	CNMO 2024 (Pass@1)	**43.2**	15.9	6.8	13.1	10.8
Chinese	CLUEWSC (EM)	90.9	**91.4**	84.7	85.4	87.9
	C-Eval (EM)	**86.5**	86.1	61.5	76.7	76
	C-SimpleQA (Correct)	**64.1**	48.4	50.4	51.3	59.3

🎉 What's new in V3

- 🧠 671B MoE parameters
- 🚀 37B activated parameters
- 📚 Trained on 14.8T high-quality tokens

🔗 Dive deeper here:

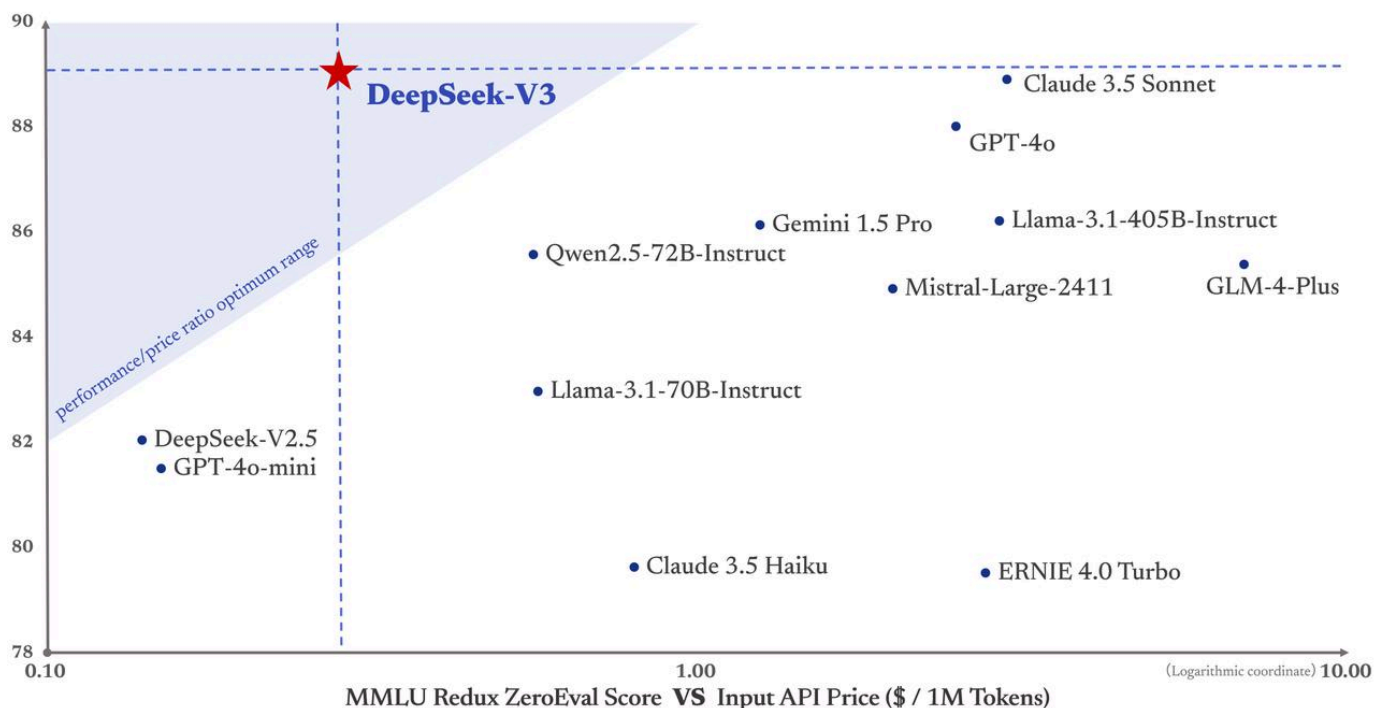- Model 👉 https://github.com/deepseek-ai/DeepSeek-V3
- Paper 👉 https://github.com/deepseek-ai/DeepSeek-V3/blob/main/DeepSeek_V3.pdf

💰 API Pricing Update

- 🎉 Until Feb 8: same as V2!
- 🤯 From Feb 8 onwards:

Input (cache miss)	Input (cache hit)	Output
$0.27/M tokens	$0.07/M tokens	$1.10/M tokens

Still the best value in the market! 🔥

- 🧩 Open-source spirit + Longtermism to inclusive AGI
- ☀️ DeepSeek's mission is unwavering. We're thrilled to share our progress with the community and see the gap between open and closed models narrowing.

- 🚀 This is just the beginning! Look forward to multimodal support and other cutting-edge features in the DeepSeek ecosystem.

- 💡 Together, let's push the boundaries of innovation!

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