Anthropic Introduces Claude Sonnet 5.5 With Faster Performance and Lower Costs

Published: September 30, 2026 | Company: Anthropic | By: Zoe Andersen



SAN FRANCISCO — September 30, 2026 — Anthropic has introduced Claude Sonnet 5.5, the latest addition to its Claude model family, with improvements focused on speed, cost efficiency, and performance across a broad range of professional workloads.

According to Anthropic, Claude Sonnet 5.5 runs 30% faster than Sonnet 5 and costs up to 30% less for most work, giving organizations an option for deploying advanced AI capabilities while managing performance and operating costs.

The new model arrives as businesses increasingly integrate generative AI into software development, research, content creation, analysis, and other knowledge-intensive workflows. Faster response times and lower usage costs can be important factors for organizations running AI applications at scale.

Claude Sonnet 5.5 is positioned as an upgrade to the previous Sonnet generation, building on Anthropic's broader efforts to improve the practical use of AI across

professional and enterprise environments.

The announcement follows several other recent developments from Anthropic. Earlier in September, the company introduced Claude Opus 5.5 and also announced new initiatives involving scientific research, enterprise AI, and AI safety.

Anthropic has also highlighted applications of Claude in scientific research. On September 23, the company announced that Claude had been used in research that identified a previously uncharacterized enzyme system with properties reminiscent of CRISPR-like biological mechanisms.

The continued development of Claude reflects the growing competition among AI companies to deliver models that combine advanced capabilities with practical performance and manageable costs.

For businesses and developers, the introduction of Sonnet 5.5 provides another option for integrating AI into applications and workflows where speed, capability, and cost are important considerations.

About Anthropic

Anthropic is an AI safety and research company focused on building reliable, interpretable, and steerable artificial intelligence systems. The company develops the Claude family of AI models for consumer, developer, and enterprise applications.