



**GUROBI 13.0**

# Where Speed Meets Innovation

Get more solving power with MIP and MINLP speed improvements, PDHG with GPU acceleration, local nonlinear optimization, and Kubernetes autoscaling.



## Gurobi Optimizer

- **Faster Core Solver:** Experience on average ~16% faster solves on difficult MIP models and over 2X faster on non-trivial MINLPs.
- **PDHG Implementation:** Solve giant LPs faster, with CPU and GPU support available.
- **New Nonlinear Barrier Method:** Get locally optimal solutions for nonlinear problems in even less time.
- **Improved Heuristics:** Speed up decision making with enhancements to NoRel (now with variable hints and new stopping controls) that can help you find better solutions, faster.
- **Smarter Tools:** Leverage new nonlinear functions, callback improvements, solution pool attributes, and multi-objective reporting.

## Gurobi Cluster Manager and Compute Server

- **Autoscaling of Compute Server Clusters:** Automatically scale Gurobi Compute Server deployments on Kubernetes based on job queue metrics and node utilization.
- **Accessibility Improvements:** Experience a more user-friendly, accessible web interface with the Cluster Manager's alignment to WCAG 2.1 AA standards.
- **Security Improvements:** Work securely and confidently. Compute Server and Cluster Manager now support a TLS 1.3-only cipher policy, ensuring all communications meet the latest TLS standards.

# Experience the Power of Gurobi for Yourself

**Try Gurobi free for 30 days, including:**

- ✓ Free benchmarking services
- ✓ Free model tuning services
- ✓ Free access to our world-class technical guidance and support
- ✓ Gurobot, our AI-powered expert agent that can help you troubleshoot, explore modeling options, and optimize more efficiently



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