

CI/CD Cost Cheat Sheet

This cheat sheet provides a quick reference for the approximate costs of using CI/CD tools and repositories across popular platforms (GitHub, GitLab, BitBucket, AWS, Azure, GCP). Actual costs may vary based on usage, region, and specific enterprise agreements.

Repository Hosting

- **GitHub:** Free tier with unlimited public repos; private repos free with limited CI/CD minutes. Paid plans start at \$4/user/month.
- **GitLab:** Free tier with unlimited repos; 400 CI/CD minutes. Premium at \$19/user/month for more features.
- **BitBucket:** Free for small teams (up to 5 users); Standard \$3/user/month; Premium \$6/user/month.
- **AWS CodeCommit:** Free for 5 active users per month; then \$1/user/month.
- **Azure Repos:** Free for the first 5 users; \$6/user/month beyond that.
- **GCP Source Repositories:** Free up to 50 GB storage and 50 GB egress per month; storage beyond billed at \$0.10/GB/month.

CI/CD Pipelines

- **GitHub Actions:** 2,000 free minutes/month on Free & Pro plans; higher minutes on paid plans. Linux runners included, Windows/macOS cost more.
- **GitLab CI/CD:** 400 free minutes/month on Free tier; Premium/Ultime tiers include more minutes. Additional minutes billed.
- **BitBucket Pipelines:** 50 free minutes/month; paid tiers include more. Additional minutes cost \$10 for 1,000 minutes.
- **AWS CodePipeline:** \$1 per active pipeline/month.
- **Azure Pipelines:** 1 free Microsoft-hosted job with 1,800 minutes/month. Additional parallel jobs billed at \$40/month.
- **GCP Cloud Build:** 120 free build minutes/day. \$0.003/minute after that for standard builds.

Artifact Storage

Artifact storage costs vary by platform but often map to standard cloud storage rates:

- AWS: S3 pricing (starts at \$0.023/GB/month).
- Azure: Blob Storage (similar pricing tiers).
- GCP: Cloud Storage (starts at \$0.020/GB/month).

GitHub, GitLab, and BitBucket include limited free artifact storage, with overages billed at cloud rates.

Quick Notes

- Free tiers are usually enough for hobby projects or very small shops.
- Paid tiers often justify themselves with more CI/CD minutes and advanced security features.
- Cloud-native tools (AWS, Azure, GCP) tend to scale cheaply for pipelines but lock you deeper into their ecosystem.
- Watch out for hidden costs like storage, egress, and premium runners (macOS, GPU).