

OCF YellowDog Pricing Overview

YellowDog operates a usage-based pricing model aligned to cloud compute consumption. Charges are based on Instance Hours, ensuring pricing scales with actual workload execution rather than fixed capacity, licenses, or user counts.

Unit of Charge: Instance Hour

An Instance Hour is defined as the period during which the YellowDog platform is actively processing a YellowDog Task on a cloud compute instance.

- A YellowDog Task is a discrete unit of work submitted for execution
- Charges apply only while tasks are actively running
- No charges apply for idle, queued, or unused capacity

Usage Characteristics

Instance Hour consumption varies according to:

- Number of tasks executed
- Task execution duration
- Compute profile (CPU, GPU, memory-intensive workloads)
- Workload patterns (bursty, steady-state, or mixed demand)
- Usage scales dynamically in line with workload demand.

Commercial Terms

- Annual commercial agreements
- Usage measured continuously and reported monthly in arrears
- Prepayments applied against measured usage
- Commercial terms may vary based on contract duration and commitment level

Cloud Cost Alignment

YellowDog pricing complements cloud provider billing models by enabling:

- Improved utilisation of on-demand, spot, and reserved resources
- Reduction of idle or over-provisioned compute
- Dynamic matching of compute supply to workload demand
- Underlying cloud infrastructure costs remain directly payable to the cloud provider.

Deployment Options

This pricing model applies consistently across:

- Fully managed SaaS deployments
- Customer-hosted cloud or on-prem environments
- Hybrid and multi-cloud architectures

Workload Management

- Native workload management with intelligent scheduling
- Integration with third-party schedulers and technologies
- Configurable auto-scaling strategies to maintain high utilisation

Data Management

- Transparent access to cloud object storage
- Support for high-performance storage technologies
- Integration with data import and export workflows

Single Control Plane

- Customers manage all environments through a single interface, providing:
- Centralised visibility of compute usage and consumption
- Control across projects, teams, and workloads
- Insight into utilisation trends and optimisation opportunities

This unified view supports better operational and financial decision-making.

Deployment Models

- YellowDog is available as:
- A fully managed SaaS platform
- A customer-hosted platform deployed on-premises or in the cloud

Both options deliver the same utilisation-focused capabilities, with deployment chosen to match customer requirements.

Security and Data Ownership

- All workloads and data remain within customer environments
- Secure authentication and encrypted credential management
- YellowDog does not access or store customer working data

Designed for Scalable HPC

- YellowDog is suited to organisations running:
- Large-scale or burst HPC workloads
- Variable or unpredictable demand
- Multi-cloud or hybrid compute strategies

The platform scales with customer needs while maintaining a consistent focus on compute efficiency and utilisation.