

# Nebula One

brings the cloud to you,  
under your control.

It is a turnkey solution providing distributed compute, storage, and network services in a unified system. With familiar interfaces, users are able to leverage existing tools and knowledge in building their applications. Administrators utilize simple but powerful management functions to lower operational complexity and control costs. Nebula One saves customers more by enabling economy-of-scale atop Nebula hardware and software, coupled with industry standard servers from trusted vendors.

## Why do you need a private cloud?

Cloud computing is commonly associated with public infrastructure-as-a-service (IaaS) providers, such as Amazon or Google. In this model, tenants provision virtual servers and disks as they need them, either through a point and click interface or through APIs to automate large-scale deployments and achieve scale.

Public IaaS providers have proven that businesses of all sizes can benefit from the agility of this model.

Many businesses recognize the agility, efficiency, and scale that IaaS provides, but find that public providers fail to meet their needs. Private cloud systems provide the same benefits in provisioning and management, but overcome the hurdles of using public, offsite, shared infrastructure. A private cloud deployed in your datacenters provides physical security, regulatory compliance, and direct connections to existing data, users, and resources with all the benefits of public IaaS providers.

Many private cloud offerings require prohibitive in-house engineering or consulting investment. Others claim to provide the benefits of IaaS by forcing the cloud label onto existing product lines. Nebula One captures the full-range of IaaS functionality in a powerful, simple-to-deploy system.

Nebula One allows you to start with the compute and storage you need today, and scale seamlessly across multiple racks tomorrow. This is achieved through a simple, expandable architecture that presents itself as a single system on your network.

The Nebula Cosmos cloud operating system offers a rich, intuitive graphical interface for users at any level. For developers, Nebula Cosmos implements APIs from OpenStack and Amazon Web Services so they can leverage their knowledge of public cloud services. Vast online and open-source resources are available to help rapidly deploy and manage new and existing applications. Nebula One has also been engineered for administrators to enable rapid provisioning and simplified management. Administrators can easily allocate resources across the system, and users consume those resources on-demand.

*Nebula One allows you to start with the compute and storage you need today, and scale seamlessly across multiple racks tomorrow.*

Economic shifts in computing have made a new type of infrastructure necessary. In the era of big data and web-scale applications, Nebula provides a turnkey solution that enables businesses in any field to easily, securely, and inexpensively build on-premise cloud computing infrastructure.

***Nebula One is available today. Visit [omegabynetworks.com](http://omegabynetworks.com), call 844-844-4353 or e-mail [sales@omegabynetworks.com](mailto:sales@omegabynetworks.com) for more information or to get started.***

