OC ZEUS

PRIVATE CLOUD SOLUTIONS

WHAT IS PRIVATE CLOUD?

PRIVATE CLOUD

A cloud computing model where the infrastructure, including servers and storage, is exclusive to a single organisation. This contrasts with public clouds, which provide services to multiple organisations over the internet, or hybrid clouds, which combine aspects of both public and private clouds.

SECURITY

Private clouds are considered more secure as resources are not shared with other organisations. They are particularly appealing for businesses with stringent data privacy, regulatory compliance requirements, or sensitive information to manage.

CONTROL

Private clouds offer organisations the ability to customise their environments to meet specific business needs. Companies have greater control over their infrastructure, allowing for tailored security measures, compliance with specific regulations, and optimisation of resources for specific workloads.

REALIABILITY

Private clouds can be configured for high availability and disaster recovery in ways that are specific to the needs of the business. The dedicated nature of the infrastructure can also lead to more predictable performance.

INTEGRATED SERVICES

OCZEUS ADMIN

Through our unified administration system, you have the capability to oversee and monitor the status of all virtual machines in operation. It enables you to automate backups and snapshots, offering the flexibility to revert to any previous state as needed.

ROUTER & FIREWALL

Based on OpenWRT we integrate a full featured firewall. It supports a variety of networking protocols and features, such as IPv6, Dynamic DNS, VLANs, port forwarding, load balancing, mesh networking, making it a versatile choice for both home and professional use.
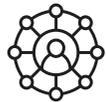
IDS

Suricata IDS is a high performance, open source network analysis and threat detection software used by most private and public organisations, and embedded by major vendors to protect their assets.

NAS

Integrated Windows/Mac support. You have two types of storage Fast and Normal. Fast Storage is always based on NVME hardware capable of 6900 MB/s read and

VPN

The integrated VPN allows you to have secure communication between all devices outside your network. Access all your resources from everywhere.
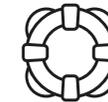
WEB SERVER

The server comes with a blank machine that is dedicated for web server or any other linux based service you want to start. Webmin administration preinstalled.

MAIL SERVER

You have your own mail server. Add your own domains and be sure that there is nobody censoring or snooping on your communication.

BACKUP & SNAPSHOTS

All machines can be scheduled for automatic backups/snapshots that can be reversed at any time. The machines original snapshots are aways

USE CASES

Home

Private cloud computing for home ensures robust protection of family data and offers specialised features for safeguarding children online, providing a secure environment for all household members.

Large Retailers

Retailers managing large volumes of customer data, including payment information, require secure and scalable environments to handle peak shopping periods.

Technology Companies

Enterprises that develop software or provide technology services need the flexibility and control to manage development environments, data analytics, and application hosting securely.

Research & Development

Private cloud computing delivers a bespoke, secure, and scalable framework ideal for fostering innovation and handling complex initiatives. It ensures unparalleled data protection and offers extensive customisation options.
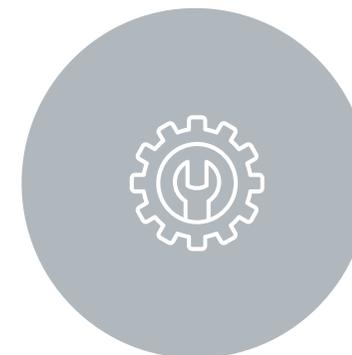
Manufacturing Firms

Large manufacturers can use private clouds for secure management of proprietary designs, supply chain logistics, and sensitive business operations.
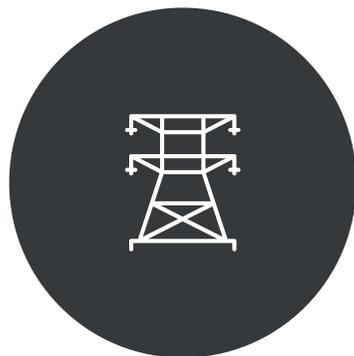
USE CASES

Financial Institutions

Banks, insurance companies, and investment firms handle sensitive financial data requiring stringent security and compliance measures.

Energy and Utilities

Companies in the energy sector require secure and robust IT infrastructure to manage data related to critical infrastructure and to comply with regulatory standards.

Educational Institutions

Universities and colleges that conduct research and handle student data can benefit from the security and customisable capabilities of private clouds.
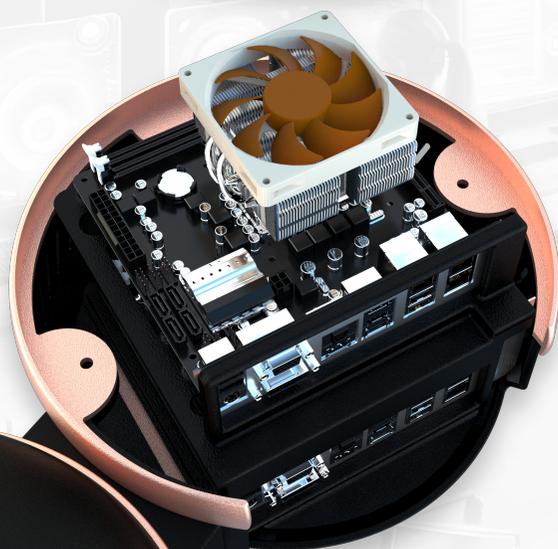
Healthcare Organisations

Hospitals, clinics, and research institutions manage protected health information (PHI) that must comply with regulations like HIPAA in the U.S.

Government Agencies

Governmental bodies handle confidential data and require secure and isolated environments to protect citizen information and national security data.

OLYMPUS ST/XT

34 cm

22 cm

27 cm

90 cm

Dimensions

Width: 27 cm

Height: 34 cm

Depth: 35 cm

Weight

Weight: 1 kg

Dimensions

Width: 90 cm

Height: 22 cm

Depth: 40 cm

Weight

Weight: 10 kg

OLYMPUS **ST**
Hardware Specs

OC

PERFORMANCE

◎ Intel Xeon processor

◎ Up to **8 Cores / 16 Threads**

◎ Up to **64 GB RAM**

◎ AES NI

◎ Support VT-rp, VT-x, VT-d, EPT

STORAGE

◎ Up to **64TB** Enterprise HDD storage space

◎ Fast Storage up to 4TB NVME

◎ NAS (Windows, Mac, Linux)

◎ Automated snapshots

NETWORK

◎ Integrated 2x 1Gbit RJ45

◎ Dual **10Gbase-T RJ-45**

◎ Internal network between VM/s up to 128Gbit/sec

MEDIA

Optional media PC integrated into the same machine so you can connect it to your TV / Monitor and have a full featured PC as your Media station. Playing movies, browse the web and use it to do your work.

OLYMPUS **XT**
Hardware Specs

OC

PERFORMANCE

◎ Intel Xeon processor

◎ Up to **10 Cores / 20 Threads**

◎ Up to **128 GB RAM**

◎ AES NI

◎ Support VT-rp, VT-x, VT-d, EPT

STORAGE

◎ Up to **360TB** storage space

◎ Up to 6 3.5" Enterprise HDD or 12 SAS (KIOXIA)

◎ NVME storage 15TB (SSD) super-fast storage

◎ NAS (Windows, Mac, Linux)

◎ Automated snapshots

NETWORK

◎ **Dual 25G SFP28**

◎ **Dual 10Gbase-T RJ-45**

◎ Internal network between VM/s up to 128Gbit/sec

MEDIA

Optional media PC integrated into the same machine so you can connect it to your TV / Monitor and have a full featured PC as your Media station. Playing movies, browse the web and use it to do your work.

OPTIONAL

Media

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The Olympus server line includes a unique Media option, seamlessly integrating a fully-equipped secondary PC within the same chassis. This Media PC enables you to enjoy all your favourite content in stunning 120Hz 4K resolution, check your email on a large TV screen, surf the web, or use it for any task you would a standard PC.

Housed within the same unit, the Media PC operates independently, allowing you to power it on or off separately from the main server.

AJAX

27 cm

30 cm

Dimensions

Width: 27 cm

Height: 30 cm

Depth: 45 cm

Weight

Weight: 8 kg

AJAX AX
Hardware Specs

PERFORMANCE

- Intel processor
- Up to **24 Cores / 32 Threads**
- Up to **128 GB RAM**
- AES NI
- Support VT-rp, VT-x, VT-d, EPT

STORAGE

- Up to **64TB** SSD storage
- NVME drive up to 4TB
- NAS (Windows, Mac, Linux)
- Automated snapshots

NETWORK

- Integrated 2x 2.5 Gbit RJ45
- Up to Dual 10 Gbit RJ45
- Up to Dual 25 Gbit SFP28
- Internal network between VM/s up to 128Gbit/sec

AJAX AX PRO
Hardware Specs

PERFORMANCE

- Intel Xeon processor
- Up to **40 Cores / 80 Threads**
- Up to **1 TB RAM**
- AES NI
- Support VT-rp, VT-x, VT-d, EPT

STORAGE

- Up to **180TB** SAS (KIOXIA)
- Up to 4 TB NVME
- NAS (Windows, Mac, Linux)
- Automated snapshots

NETWORK

- Integrated 4x 1Gbit NIC
- Up to **200 Gbit** QSFP56
- Internal network between VM/s up to 128Gbit/sec

ORPHEUS

42 cm

20 cm

Dimensions

Width: 42 cm

Height: 20 cm

Depth: 33 cm

Weight

Weight: 5 kg

ORPHEUS RS
Hardware Specs

PERFORMANCE

- Intel processor
- Up to **24 Cores / 32 Threads**
- Up to **128 GB RAM**
- AES NI
- Support VT-rp, VT-x, VT-d, EPT

STORAGE

- Up to 16**TB** SSD storage
- Up to 4 TB NVME
- NAS (Windows, Mac, Linux)
- Automated snapshots

NETWORK

- Integrated 2x 2.5 Gbit RJ45
- Up to Dual **10 Gbit RJ45**
- Up to Dual **25 Gbit SFP28**
- Internal network between VM/s up to 128Gbit/sec

ORPHEUS RS PRO
Hardware Specs

PERFORMANCE

- ◉ Intel Xeon processor
- ◉ Up to **40 Cores / 80 Threads**
- ◉ Up to **1 TB RAM**
- ◉ AES NI
- ◉ Support VT-rp, VT-x, VT-d, EPT

STORAGE

- ◉ Up to **60TB** SAS (KIOXIA)
- ◉ Up to 4 TB NVME
- ◉ NAS (Windows, Mac, Linux)
- ◉ Automated snapshots

NETWORK

- ◉ Integrated 4x 1Gbit NIC
- ◉ Up to **200 Gbit** QSFP56
- ◉ Internal network between VM/s up to 128Gbit/sec

PERSEUS

90 cm

34 cm

Dimensions

Width: 27 cm

Height: 34 cm

Depth: 35 cm

Weight

Weight: 1 kg

PERSEUS PS
Hardware Specs

OC

PERFORMANCE

- Intel Xeon processor
- Up to **8 Cores / 16 Threads**
- Up to **64 GB RAM**
- AES NI
- Support VT-rp, VT-x, VT-d, EPT

STORAGE

- Up to **48TB** Enterprise HDD storage space
- Fast Storage up to 4TB NVME
- NAS (Windows, Mac, Linux)
- Automated snapshots

NETWORK

- Integrated 2x 1Gbit RJ45
- Dual **10Gbase-T RJ-45**
- Internal network between VM/s up to 128Gbit/sec

PERSEUS PS PRO
Hardware Specs

PERFORMANCE

- Intel Xeon processor
- Up to **10 Cores / 20 Threads**
- Up to **128 GB RAM**
- AES NI
- Support VT-rp, VT-x, VT-d, EPT

STORAGE

- Up to **240TB** 12 SAS Enterprise (KIOXIA)
- Up to 4 TB NVME
- NAS (Windows, Mac, Linux)
- Automated snapshots

NETWORK

- **Dual 25G SFP28**
- **Dual 10Gbase-T RJ-45**
- Internal network between VM/s up to 128Gbit/sec

Contact

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