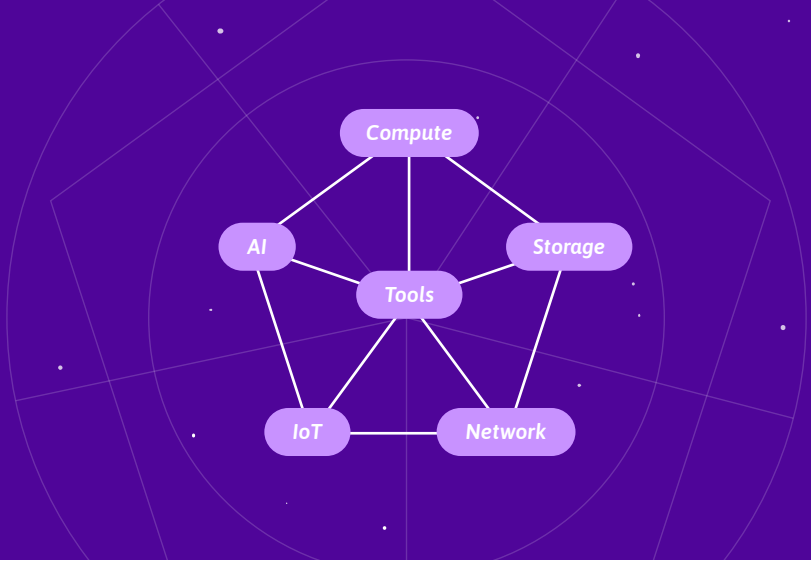


# Our Elements Ecosystem



Compute								
	Development Instance	General Purpose Instance	GPU Instance	Bare Metal	Kubernetes Kapsule	Container Registry	Serverless FaaS	Serverless CaaS
Storage								
	Object Storage	Block Storage	C14 Cold Storage	Database for PostgreSQL	Database for MySQL			
Network						 <small>Soon</small>	 <small>Soon</small>	 <small>Soon</small>
	Anti-DDoS	Load Balancer	Private Network	Domain	DNS	CDN	SMS	SMTP
IoT		 <small>Soon</small>						
	IoT Hub	IoT Edge						
AI								
	GPU Instance	AI Inference						
Tools								
	Console	API	CLI	Terraform	Cloud-init	SDK Go	SDK Python	Multi-user
	 <small>Soon</small>	 <small>Soon</small>						
	Cloud Projects	Monitoring						



# GPU Instance

Instances powered with dedicated NVIDIA Tesla P100 GPUs.



## Included Services

- High-End Specifications
- Kubernetes-Ready Ecosystem
- Dedicated GPU
- Scaleway Ecosystem integration
- Ready to go GPU distribution
- Pay as you go Billing
- AI & ML oriented
- 24/7 ticket support

<b>GPU</b> Dedicated NVIDIA Tesla P100 16GB PCIe	<b>Processor</b> 10 Intel Xeon Gold 6148 cores
<b>Processor Frequency</b> 2.40 GHz	<b>Memory</b> 45 GB
<b>GPU Memory</b> 16 GB CoWoS HBM2	<b>Memory type</b> DDR4-2666
<b>Bandwidth</b> 1 Gbit/s	<b>Storage</b> 400 GB on local NVMe SSD + Block Storage

Available in: Paris

## Use Cases

### ✓ Artificial Intelligence & Machine Learning

GPU Instances have been designed to train complex models at high speed so you can improve your algorithms' predictions and decisions. The dedicated NVIDIA Tesla P100 make them particularly well-suited for neural network and deep learning applications.

### ✓ GPU-Accelerated Data Processing

GPU Instances allow you to manipulate large datasets and extract the meaningful information you are looking for at high speed. They help data scientists summarize and classify non-structured data.

### ✓ Video Encoding & 3D Rendering

GPU Instances can speed up ultra-high-definition video encoding and render 3D models at high speed. Optimize the cost and duration your post-production needs, whether they are one-off or regular.

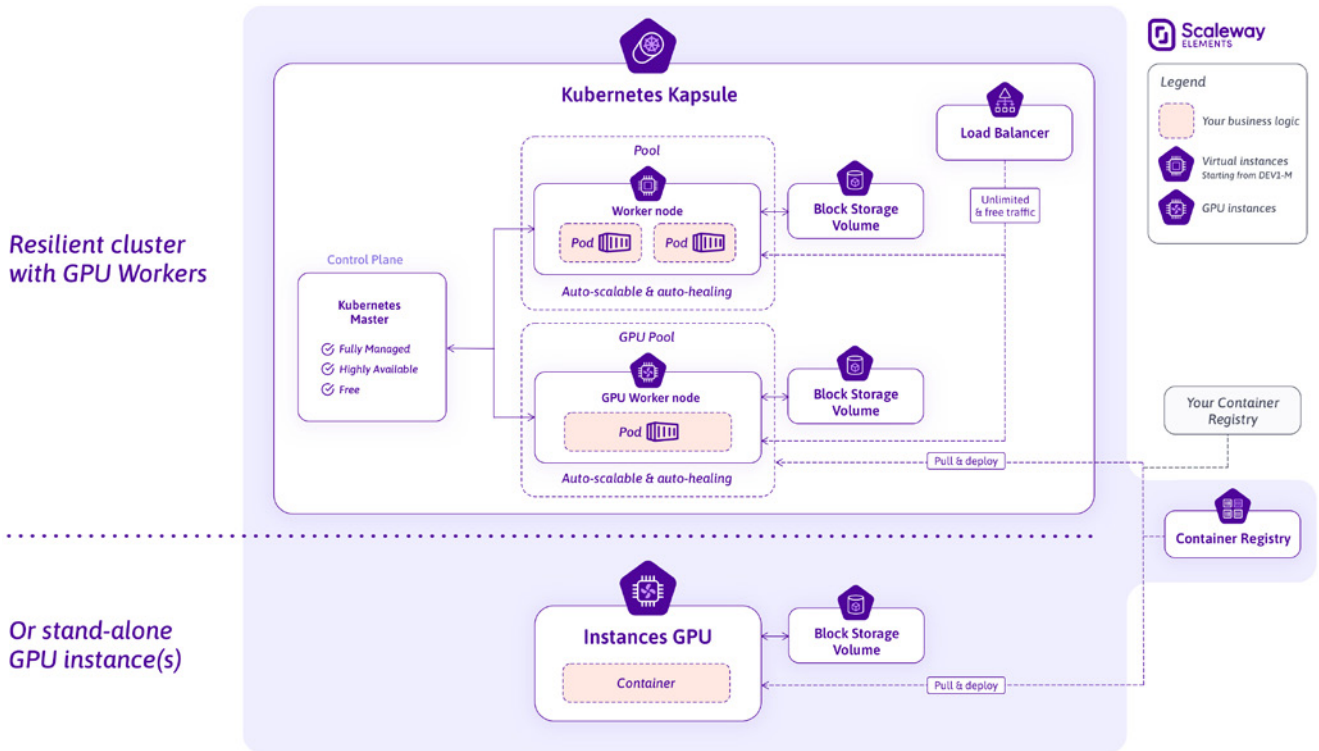


**Earthcube specializes in automatic analysis solutions for geospatial information**

*"We are very satisfied with the RENDER-S instances, they offer a simple interface for powerful machines."*  
Renaud Allieux, Earthcube Co-Founder

# Product Lifecycle

Whether you need one or more standalone GPU instances, the NVIDIA P100 16 GB PCIe meet your needs simply and efficiently. Install your platforms in a few minutes and take advantage of the entire Scaleway Cloud ecosystem, with services such as our managed Kubernetes Kapsule or Container Registry.



## Our Strengths

### ✓ Efficiency

*without noisy neighbors*

Make the Most of Your Dollar: benefit from dedicated GPUs reserved for you throughout the period of use without any pre-emption rights.

### ✓ Many complementary

*cloud services*

Take advantage of Block Storage and our S3 compatible Object Storage, easily orchestrate your Kubernetes containers with Kubernetes Kapsule for no extra-charge and store your images in our fully managed container register.

### ✓ A World-Class Cloud

*made in Europe*

Among European leaders & in the top 10 global Cloud Providers, Scaleway is an asset in the deployment of international solutions based on a French and European jurisdiction.

Find our strengths on [scaleway.com](https://scaleway.com) ▶

## Our product

Name	Cores	GPU	RAM	SSD	Bandwidth
RENDER-S	10 cores	1 GPU	45 GB	400 GB NVMe	1 Gbit/s

### ✓ In addition

- Block Storage**  
To expand your storage
- Object Storage**  
To distribute your static files
- Container Registry**  
To host the images of your containers
- Kubernetes Kapsule**  
To orchestrate your resources