

DeepESDL

AI-ready Earth System Data Lab

Price List for Network of Resources

V1.0

Amendment Record Sheet

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1. Available Plans and Prices

1.1 Small

This is the default plan for any new user with low processing requirements, enabling the user to immediately start with their research, e.g., on low to medium resolution datasets of limited spatial extent. This configuration is not suited for compute-intensive applications or for high-resolution data.

It comprises the following configuration:

Applications:

- JupyterLab with xcube viewer integration
- MLflow
- xcube viewer and server with public cubes and user cubes
- access to all free data stores
- user-tailored Python environments using conda
- Level 2 technical support

Configuration:

- 14 GB RAM
- 3.5 CPUs
- 100 GB of block storage
- 100 GB of storage in dedicated s3 bucket
- 25GB outbound traffic included

Price: 249€ per month

1.2 Medium

This is the plan for users with moderate processing requirements, enabling the user to comfortably perform typical data exploitation tasks on low-to medium resolution datasets of limited spatial extent.

It comprises the following configuration:

Applications:

- JupyterLab with xcube viewer integration
- MLflow
- xcube viewer and server with public cubes and user cubes
- access to all free data stores
- user-tailored Python environments using conda
- Level 2 technical support

Configuration:

- 30 GB RAM
- 7.5 CPUs
- 150 GB of block storage
- 150 GB of storage in dedicated s3 bucket
- 50GB outbound traffic included

Price: 499€ per month

1.3 Large

This is the plan for users with sophisticated processing requirements for cube generation, analysis, processing, and ML workflows also on high resolution data. If more processing resources are needed, a dask processing cluster may be added (see dedicated option below).

It comprises the following configuration:

Applications:

- JupyterLab with xcube viewer integration
- MLflow
- xcube viewer and server with public cubes and user cubes
- access to all free data stores
- tailored environments
- Level 2 technical support

Configuration:

- 60GB Ram
- 15 CPU
- 250 GB block storage
- 250 GB S3
- 75GB outbound traffic included

Price: 999€ per month

1.4 GPU

This is the plan for users working with ML and AI models, which benefit from using a GPU for processing.

It comprises the following configuration:

Applications:

- JupyterLab with xcube viewer integration
- MLflow
- xcube viewer and server with public cubes and user cubes
- access to all free data stores
- tailored environments
- technical support

Configuration:

- 15 GB Ram
- 3.5 CPU
- 1 GPU
- 16GB GPU RAM
- 250 GB block storage
- 250 GB S3

Price: 699€ per month

1.5 Options

1.5.1 GPU package

This package can be purchased in addition to one of the above non-GPU packages (S,M,L) and as an alternative to the GPU package if access to the GPU is not required at all times. The

100h to be used within one month.

Price: 120€ per month

1.5.2 Onboarding support

This package includes a general introduction to the platform as well as support with the initial configuration and cube generation. User may purchase this package if they require initial support beyond the Technical Support included in resource subscriptions.

Onboarding support for a maximum of 8h

Price: 800€

1.5.3 Training

Brockmann Consult’s Training offer in the Network of Resources is available for tailored trainings.

1.5.4 Sentinel Hub

Sentinel Hub processing units may be purchased through DeepESDL. The published price¹ list applies.

The following subscription Plans are available:

Plan Name	Processing units per minute	Processing units per month	Requests per minute	Price (monthly)
Non-commercial Research	300	30.000	300	30€
Basic	500	70.000	500	100€
Enterprise S	1.000	400.000	600	500€
Enterprise L	2.000	1.000.000	1.200	1.000€

1.5.5 geoDB

geoDB Service for managing and accessing feature data from within DeepESDL offers the following subscription packages:

- **geoDB - Access for access existing collections in geoDB** **Price: 129€ per month**
- **geoDB – Manage** **Price: 750€ per month**
 - Includes 100GB storage
 - Creation and access management of datasets

¹ <https://nor-discover.cloudeco.group/Service/EDC-Sentinel-Hub/SponsoringWizardPricelist>

1.5.6 Dask processing cluster

For heavy processing, an on-demand processing cluster with individual environment configuration and automated set-up may be purchased. This option requires at least a subscription 'Medium'.

For 1000 CPU hours, e.g., 40 hours computation on a 25CPU cluster: Price: 180€ per month

1.5.7 Additional user storage

- **Block Storage: 15€ per month for 100GB**
- **Object Storage: 8€ per month for 100GB**

1.5.8 Additional data transfer volume.

- **Additional transfer out of DeepESDL to the internet. Price: 20€ per 100GB.**