

EDC xcube service offering for NoR 18/06/2020, Brockmann Consult GmbH

xcube Packages offered on NoR:

PACKAGE	LIST PRICE in € excl. VAT	XCPUs included
small	100	90.000
medium	500	475.000
large	1000	1.000.000
x-large	2500	2.750.000
Additional XCPUs for xl	900	1.000.000

- All prices are in EUR excl. VAT.
- All prices refer to a monthly subscription.
- XCPU stands for xcube processing unit (see below)
- Xcube processing units are consumed for generating persistent data cubes in xcube format by xcube gen service.
- User must provide an object storage bucket with right access to store a data cube
- Prices are corresponding to the data volumes processed. A XC standard chunk is defined as a two-dimensional data chunk of size 512x512 pixels. A processing unit XCPU is then defined as the unit for such chunk in 16bit. e.g. from input data sources into the XC data cube format.

Example:

Using xcube gen service to generate a Sentinel-2 data cube with 4 bands, 5000x5000 pixels in space, and one image every 5 days for an entire year thus consumes 27848 XCPUs, according to the following calculation:

$$5000 \times 5000 \times 4 = 100000000 \text{ [pixels per image]}$$

$$365/5 = 73 \text{ [images per year]}$$

$$73 \times 100000000 = 7300000000 \text{ [pixel per year]}$$

$$7300000000 / (512 \times 512 \times 1) \text{ [pixel per XCPU]} = 27848 \text{ [XCPU / year]}$$

- See below for a detailed description of the pricing model
- If resampling is applied during data cube generation process the maximum resolution of the cube is used for calculating consumed XCPUs

EDC geoDB service offering for NoR

18/06/2020, Brockmann Consult GmbH

geoDB packages to be offered through NOR:

PACKAGE	LIST PRICE in € excl. VAT	NOTES
Manage (100GB storage and Access L included)	750	Includes 100GB storage and Access L included
Access Large (1B cells)	129	
Additional 100GB storage for Manage	59	Requires subscription to Manage package
Additional 1B cells for L and Manage	49	Requires subscription to Access L or Manage package

Notes

- All prices are in EUR without VAT.
- All prices refer to a monthly subscription.
- The storage size refers to the database size in storage, which may be substantially larger than the ingested data
- Access is measured in No of cells that are transferred through the API.
- The access packages only include read access to data available in geoDB, while manage also allows for ingesting and storing new data to geoDB and publishing it for public access.