

SWITCHengines Pricing 2019

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The SWITCH Infrastructure as a Service cloud “SWITCHengines” offers virtual machines and storage to academic institutions in Switzerland. The pricing is based on actual usage and calculated every 15 minutes ⁽¹⁾. Currently we are invoicing the following items: CPU, RAM, IPv4 Addresses and Storage.

Item Pricing

Item	CHF / day	CHF / month	CHF / year
CPU Core ²	0.4932	15.00	180.00
RAM (1 GB) ²	0.2466	7.50	90.00
Disk Storage (1 GB) ⁴	0.0006	0.0183	0.22
SSD Storage (1 GB)	0.0055	0.167	2.00
Object Store (1 GB) ⁴	0.0006	0.0183	0.22
IPv4 Address	0.0274	0.83	10.00
Windows Server Operating System License	n/a	6 ³	72

¹ The following rules apply: 1) CPU: running VMs are billed 2) RAM: running and suspended VM RAM is billed 3) Storage: all used storage (including VM storage) is billed 4) IP addresses: all used or reserved IP addresses are billed.

² Special discount of 25% on CPU and RAM for education flavour (switch.ch/engines/edu/) ³ per virtual CPU Core.

⁴ Storage prices are calculated on a yearly price of 1TB (1024 GB) at 225.- CHF.

Example configurations

Item	CHF / day	CHF / month	CHF / year
Small (1 CPU, 1 GB RAM, 20 GB Disk, 1 IPv4)	0.78	23.70	284.40
Medium (2 CPU, 2 GB RAM, 20 GB Disk, 1 IPv4)	1.52	46.20	554.40
Compute Intensive (8 CPU, 16 GB RAM, 50 GB Disk, 1 IPv4)	7.95	241.75	2'901.00
High IOPS DB Server (4 CPU, 32 GB RAM, 200 GB SSD, 1 IPv4)	10.99	334.17	4'010.00
Object Store (5 TB)	3.08	93.75	1125.00

Discounts

We offer two kinds of discounts:

1. We discount the use of SWITCHengines in the “pay-as-you” model based on the aggregated volume in CHF used over the period of a calendar year. The discount is applied on the Q1 invoice of the following year.

2. We can offer you larger discounts based on larger volumes and the multi-year duration of the usage.

Please inquire here for a quote: engines-support@switch.ch.

Projects funded by the SNSF can fully allocate the cost of SWITCHengines to their project expenses. Same for Innosuisse projects (upon approval of required resources).

Invoicing

Invoices are sent out quarterly and will contain the invoice for the SWITCHengines usage of the previous quarter. Usage is counted in 15 minutes increments.