

VisCli cluster vs. conventional Server



The **VisCli board** consumes approx. 65 watts under full load, but only approx. 45 watts on average in normal operation.

For a VisCli cluster with 6 VisCli boards, this corresponds to an average power consumption of 300 watts rounded up and 400 watts rounded up under full load.

Usually, a **conventional server** requires at least 600 watts and 1200 watts under maximum load, i.e. a cluster with conventional components requires 3600 watts and a maximum of 7200 watts for 6 servers.

A calculation



	Item	Savings max.		Savings min.	
		VisCli-Cluster	Conventional server	VisCli-Cluster	Conventional server
Device performance	Watt	400	7200	300	3600
Run time	Hours	24	24	24	24
Energy price	Cent/kWh	30	30	30	30
Consumption per day	kWh	9,6	172,8	7,2	86,4
Cost per day	€	2,88	51,84	2,16	25,92
Consumption per month	kWh	288	5184	216	2592
Cost per month	€	86,40	1555,20	64,80	777,60
Consumption per year	kWh	3456	62208	25,92	31104
Costs per year	€	1.036,80	18.662,40	777,60	9.311,20