



(Cumulative figures, investment costs written off over three years)

- CAPEX** = capital or investment costs such as servers or virtual machines, CPU cores, RAM, storage, licenses, and switches.
- OPEX** = operating expenditure, variable costs such as electricity, maintenance, rent, and repair.
- Cloud-Kosten** = in the cloud scenario, CAPEX is converted to OPEX.

Advantages of the cloud

- Cloud processing power up to 20% more cost-effective ✓
- Better capacity utilization as a result of scalable resources ✓
- Less capital tied up ✓
- Conversion of fixed costs to variable costs ✓
- Investment in a contemporary, maintenance-free infrastructure ✓

Total Cost of Ownership (TCO):

On-Premise Hardware vs. Cloud Infrastructure

Virtualize your hardware and save money – with a scalable, agile, reliable, and secure cloud infrastructure from ProfitBricks.



VS.



Current on-premise scenario

- ▶ 5 servers each with 8 CPU cores & 32 GB RAM
- ▶ 15 TB HDD storage
- ▶ including switches, rack, electricity, admin costs, maintenance, and rent

Comparable IaaS cloud scenario

- ▶ 20 virtual machines (VMs) each with 2 Intel CPU cores & 8 GB RAM
- ▶ 6 TB HDD storage, redundantly connected

20%
more cost-effective

	On-premise	Enterprise Cloud
Total expenditure for 3 years	€ 124.373	€ 99.110
Costs per month over 3 years	€ 3.454	€ 2.753
Costs per VM per hour over 3 years	€ 0,23	€ 0,18

(Based on standard market prices and assumptions)



Your individual total cost of ownership:

Contact us at **+49 30 57700-840** or **enterprise-cloud@ionos.com**

Our Professional Services Team will be happy to calculate your TCO savings potential based on your firm specifications.