

Momo System Requirements

Platform

- At least a single Linux or Windows machine (64-bit) that supports containerization (e.g., Docker, Podman) is required

Hardware specifications

CPU

CPU requirements depend on the number of users and the expected workload. Your exact requirements may be higher depending on your workload. Your workload is influenced by, but not limited to, factors such as the activity of your users, the size and frequency of queries.

- **4 cores** is the **recommended** minimum number of cores and support up to 50 users
- 8 cores support up to around 150 users

Memory

Memory requirements depend on the number of users and the expected workload. Your exact requirements may be higher depending on your workload. Your workload is influenced by factors such as the activity of your users, the volume and frequency of queries and **the amount of data available**.

- **8 GB RAM** (10GB if Windows) is the **required** minimum memory size and supports up to 500 000 results
- 16 GB RAM (18GB if Windows) supports up to 2 000 000 results

Storage

The necessary storage space largely depends on the size and amount of executed queries.

Momo requires about 2 GB of storage space for installation. An additional storage capacity of at least 100 GB is recommended for storing the results.

If you have enough RAM and an up-to-date CPU, the speed of Momo is mainly limited by the hard disk. A fast drive (7200 RPM and more) or a solid state drive (SSD) improves responsiveness of the application.

Database

The amount of disk space and memory required for the database depends on the number of users and the expected workload.

- 100 GB of storage and 8GB RAM are the **required** minimum database requirements and support up to 500 000 results
- 250 GB of storage and 24GB RAM support up to 2 000 000 results

The following database management systems are currently supported:

- Oracle 11+
- PostgreSQL 12+