

# System requirements

System requirements, software prerequisites, and other recommendations are described in a separate document "[System Requirements](#)" (but probably not as elaborate as in that document)

## On-premise installation

Component	Minimum	Suggested
CPU cores	4	16
RAM	8GB	16GB
Disk	250GB HDD	500GB SSD
Cache disk	100GB HDD	1TB HDD
Network interface	100MBps	1Gigabit

SQL Server can also be installed in a separate machine. The requirements for the computer hosting only SQL Server are the following:

Component	Minimum	Suggested
CPU cores	4	8
RAM	8GB	16GB
Disk	250GB HDD	500GB SSD
Network interface	100MBps	1Gigabit

## Additional comments regarding SQLServer

SQL Server Express can also be used but poses two limitations which have to be taken into account:

1. The maximum database size cannot exceed 10GB.
2. Only one CPU core is used to execute queries.

## Installation on an AWS Virtual Machine

When installing PMA.core on AWS, it is highly recommended to use RDS to host SQL Server instead of installing it on the VM that PMA.core will be installed.

Component	Minimum	Suggested
PMA.core VM size	t3.large	t3.xlarge
SQL Server RDS VM size	t3.medium	t3.large
Cache disk	100GB EBS	1TB EBS

Additionally, slides can be stored either on local disks attached to the VM or in S3 buckets.

## Installation on an Azure Virtual Machine

\* VM requirements \* SQLServer requirements \* store slides on local hard disk (additional partition)

configured on the EC2 instance) on Azure (blob/table/data lake?) storage?

## Additional information on cache storage requirements

From:  
<https://docs.pathomation.com/pma.core/2.0.1/> - **PMA.core 2.x**

Permanent link:  
[https://docs.pathomation.com/pma.core/2.0.1/doku.php?id=system\\_requirements&rev=1648022338](https://docs.pathomation.com/pma.core/2.0.1/doku.php?id=system_requirements&rev=1648022338)

Last update: **2022/03/23 10:58**

