

Miradore Management Suite

System Requirements

This document describes the Miradore frontend server and database server requirements some typical scenarios. Please notice that the requirements are always dependent on the size of the managed environment – that is the number of the managed devices, and also on what features are being used.

The requirements are estimated assuming that that the server is dedicated to host Miradore.

System requirements for environments with less than 5 000 devices

Server software:

- Windows Server 2012/2016/2019/2022 Full/Core installation.
- English language version of server operating system.
- 64-bit version of the server operating system.

RAM:

- Minimum 2GB, Recommended 6GB.

Hard disk:

- Miradore database requires about 1 GB disk space per 1 000 managed devices.
- Master installation point requires from 20 GB up to 200 GB HDD depending on the amount of software and installation media located at the installation point.

SQL server:

- Free 64-bit version of Microsoft SQL Server 2017 Express edition is included in the installer of Miradore Management Suite, and it can be used to manage up to 2 000 devices. The database can be upgraded later from the Express edition.
- For the environments larger than 2 000 devices, it's recommended to use Microsoft SQL Server Standard Edition. Miradore supports SQL Server versions 2008, 2012, 2014, 2016, 2017 and 2019.
- Database can be located on the same server that is used to host Miradore.

System requirements for environments with 5 000 – 10 000 devices

Server software:

- Windows Server 2012/2016/2019/2022 Full/Core installation.
- English language version of server operating system.
- 64-bit version of the server operating system.

RAM:

- Minimum 6GB, Recommended 16GB.

Hard disk:

- Miradore database requires about 1 GB disk space per 1 000 managed devices.
- Master installation point requires from 20 GB up to 200 GB HDD depending on the amount of software and installation media located at the installation point.

SQL server:

- Database can be located on the same server that is used to host Miradore.
- Microsoft SQL Server Standard edition.
- Miradore supports SQL Server versions 2008, 2012, 2014, 2016, 2017 and 2019.

System requirements for environments with more than 10 000 devices

Server software:

- Windows Server 2012/2016/2019/2022 Full/Core installation.
- English language version of server operating system.
- 64-bit version of the server operating system.

RAM:

- 4GB is the minimum and 16GB or more is recommended for the environments with more than 10 000 managed devices – assuming that the SQL database runs on a dedicated physical server (not on the same server that is used for hosting Miradore)

Hard disk:

- Miradore database requires about 1 GB disk space per 1 000 managed devices.
- Master installation point requires from 20 GB up to 200 GB HDD depending on the amount of software and installation media located at the installation point.

SQL server:

- A dedicated physical database server with at least 4 CPU cores. Also pay attention to the speed of the database disks – the faster the disks are, the better.
- Microsoft SQL Server Standard edition.
- Miradore supports SQL Server versions 2008, 2012, 2014, 2016, 2017 and 2019.