# Technical requirements

## Lime server requirements

These requirements cover all components – applications, database and gateways:

**Hardware**

Memory:  minimum 8 GB RAM

Hard drive minimum free space - 5 GB for DB, 1 GB for portal

CPU – Intel Zeon or AMD equivalent (server build)

OS – minimum Windows Server 2012 with .Net Framework 4.8

**Software**

Database - SQL Server 2016 or above (Express or Full edition)


For best performance, it is recommended to host the solution on 2 servers – 1 to run SQL Server and the other to run the Lime portal and all dependant Windows service Gateways. However, the solution will work on 1 server if required.


## Label printing option - additional requirements

Lime integrates with Bartender label printing software.

Bartender Designer client PCs require Windows 10, 8 GB RAM, 20GB hard drive, display resolution: 1024 x 768 (Minimum), 1920 x 1080 or better (Recommended)

Software: Bartender 2021 Automation, .NET Framework 4.8 or later (Bartender installer will automatically install all required .NET Framework components; an active internet connection may be required to update .NET framework), Microsoft SQL Server 2014 SP3 Express (included with the Bartender suite).


## Browser requirements for web portal

Any modern browser including but not limited to Chrome, Firefox or Edge (a CSS3 compliant browser).

Internet Explorer no longer supported


## Language support

English