# Sci Ed Software

Software for the Molecular Biologist

# Clone Manager 12

## **Network Concurrent Licensing System Requirements**

The network concurrent licensing system for the Clone Manager 12 software enables you to share use of Clone Manager among a group of users on your network. It consists of a license server that communicates with clients that want to run Clone Manager. License implementation requires the TCP/IP network protocol.

The license server administers concurrent licensing and grants permission tokens to clients that want to run Clone Manager. The licensing system is installed as a service on a single computer running Windows Server 2016-x64 or newer. This computer must be available and the licensing service must be running whenever users request permission tokens to run the program.

Although it is recommended that the license server be installed on a network server, this is not a necessity as long as the selected computer will always be available.

# **Summary of Requirements**

### Network requirements

- TCP/IP Network Protocol
- UDP and TCP port 7627 available for client server communication.

### License server requirements

- Computer running Windows Server 2016 or newer, or Windows 10 or newer
- 64-bit windows operating system.
- Ability to communicate with clients over port 7627 using UDP and TCP

#### Client computer requirements

- 64-bit windows operating system.
- Recommended -- computer running Windows 10 or Windows 11.
- Clone Manager 12 software installed (download)
- In Clone Manager, user joins concurrent license group to enable request of tokens from license server

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