

nanoCAD 21

Installation and Registration Guide

Nanosoft razrabotka

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Introduction

This instruction explains the process of installation of nanoCAD products.

nanoCAD 21 consists of Platform and Modules. Platform nanoCAD 21 is a complete product, it includes base functionality. Modules include additional functionality that expands the program capabilities .

There are the following modules:

- Construction;
- Mechanics;
- Topoplan;
- 3D;
- Raster.

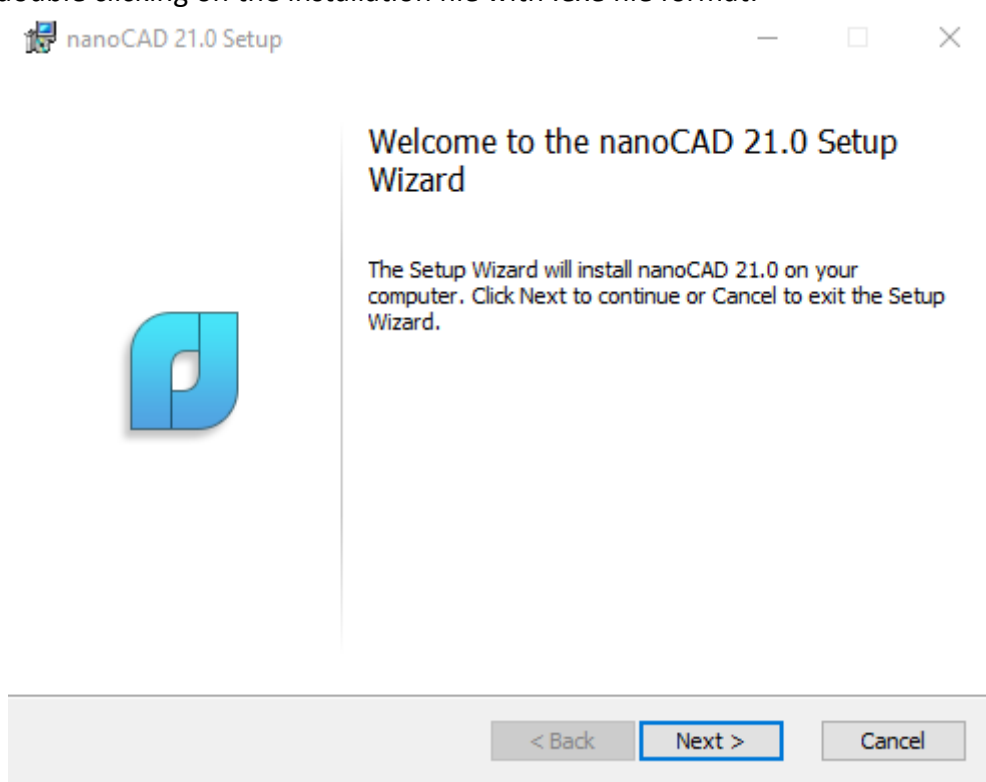
Each module is licensed independently of the others.

After installation of nanoCAD 21 with all modules, there appear three desktop shortcuts. They allow to run the program in one of three configurations: Platform (nanoCAD 21 icon), Mechanics (Mechanica 21 icon) and Construction (Construction 21 icon)



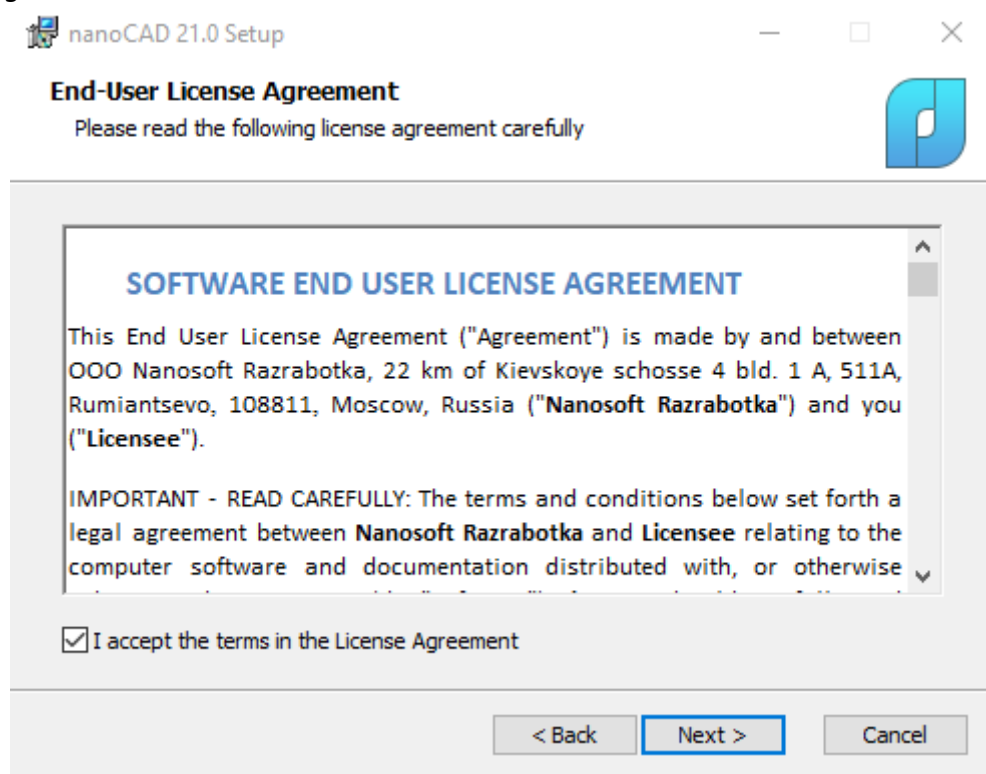
Installation

When the downloading process has finished, the Setup Wizard dialog box appears. You can also start installation by double clicking on the installation file with .exe file format:



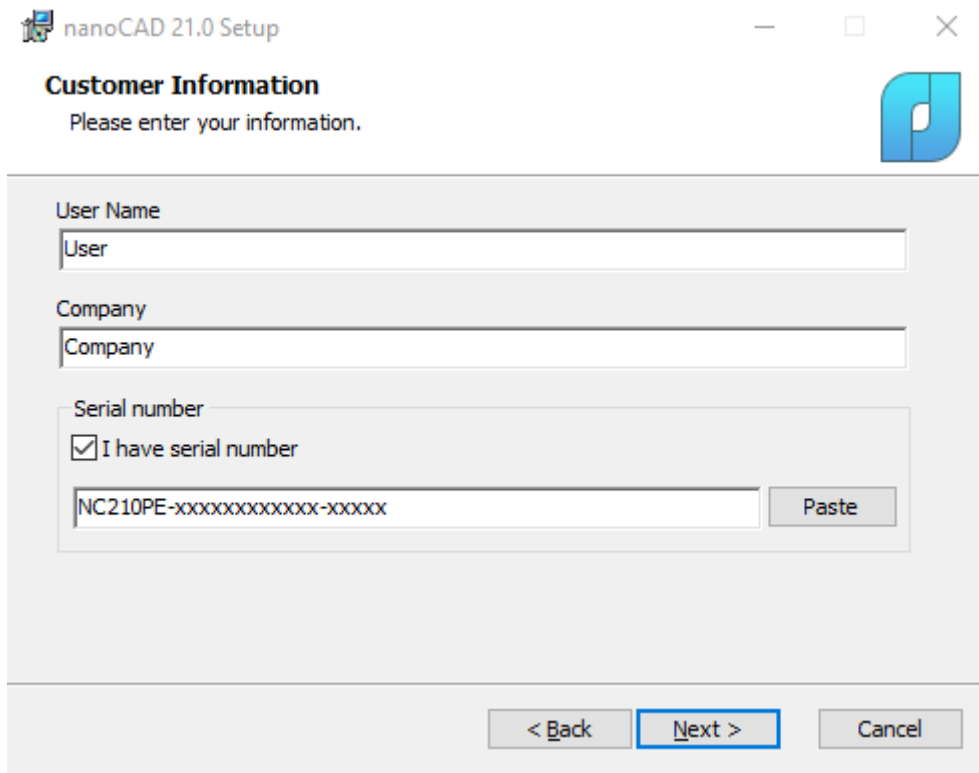
Click *Next* to continue.

In the next window you should read the End-User License Agreement. To continue, check *I accept the terms in the License Agreement* box and click *Next* button:



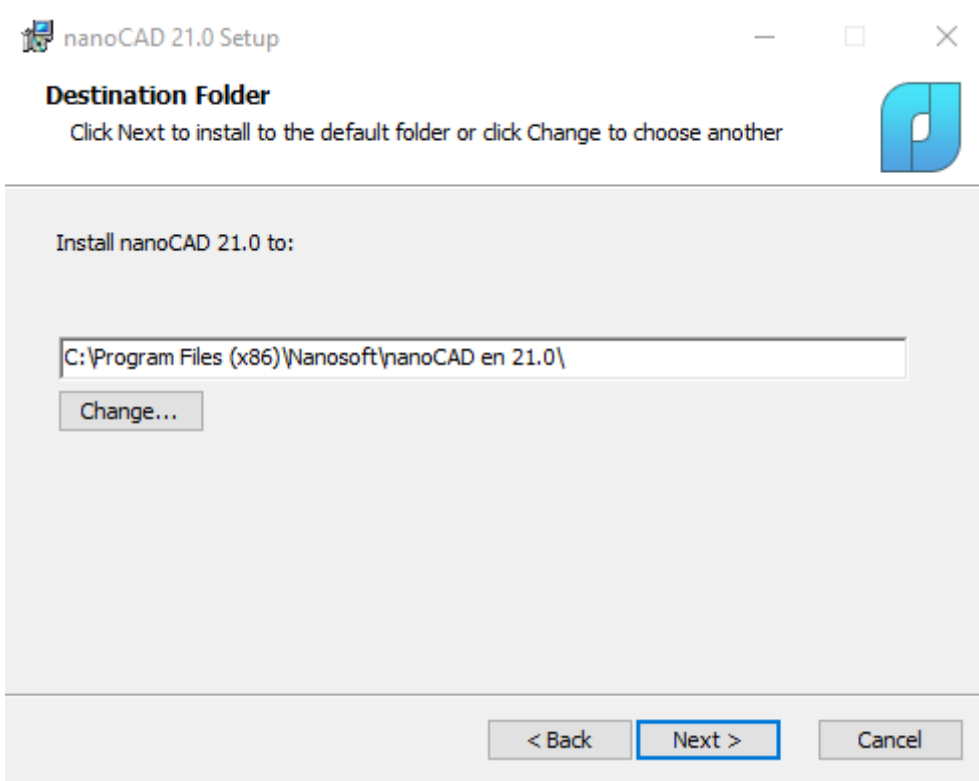
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Enter your name, company and serial number. Serial number can be found in your personal account on website. If you cannot enter serial number now, uncheck *I have serial number* option and click *Next* to continue:



The screenshot shows the 'Customer Information' window of the nanoCAD 21.0 Setup. The window has a title bar with the nanoCAD logo and standard window controls. Below the title bar, the text 'Customer Information' is followed by 'Please enter your information.' and the nanoCAD logo. The main area contains three input fields: 'User Name' with the text 'User', 'Company' with the text 'Company', and 'Serial number'. The 'Serial number' field has a checked checkbox labeled 'I have serial number' and contains the text 'NC210PE-xxxxxxxxxxxx-xxxxx'. A 'Paste' button is to the right of the serial number field. At the bottom, there are three buttons: '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

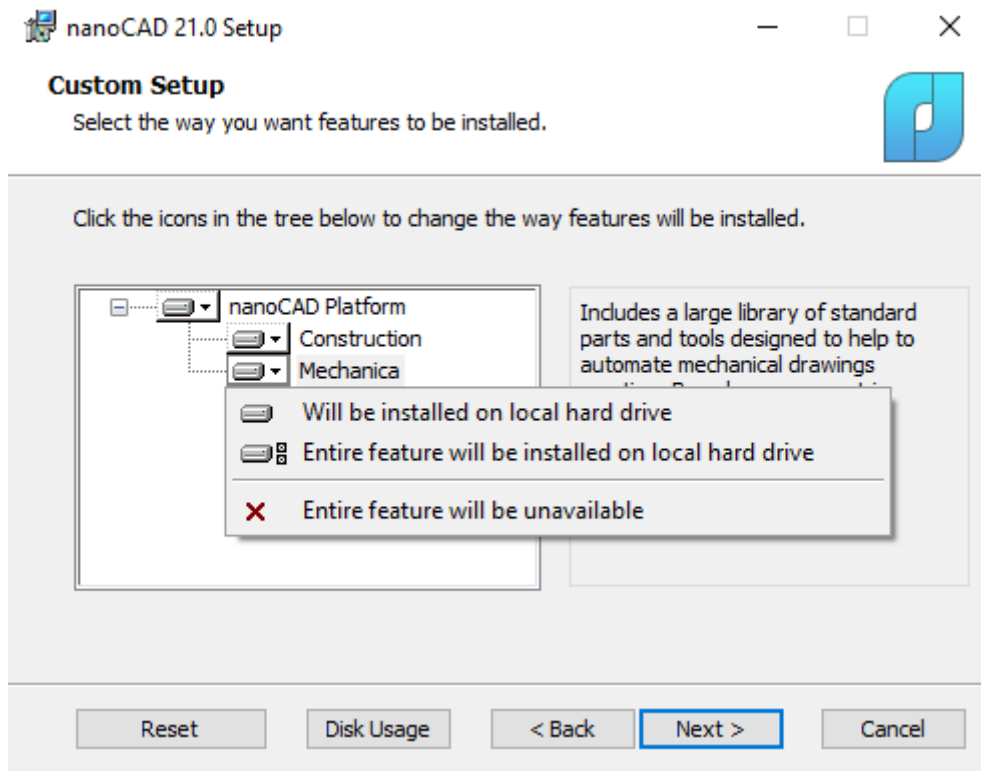
Choose the folder where the program will be installed. We recommend to not change the default folder:



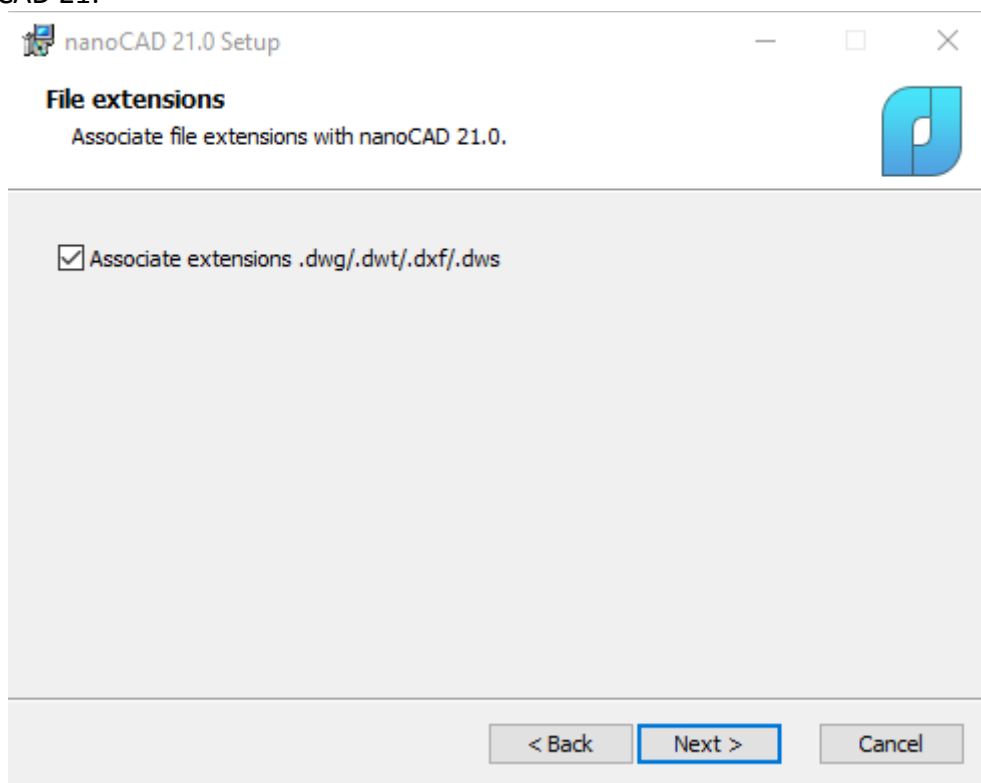
The screenshot shows the 'Destination Folder' window of the nanoCAD 21.0 Setup. The window has a title bar with the nanoCAD logo and standard window controls. Below the title bar, the text 'Destination Folder' is followed by 'Click Next to install to the default folder or click Change to choose another' and the nanoCAD logo. The main area contains the text 'Install nanoCAD 21.0 to:' followed by a text box showing the default path 'C:\Program Files (x86)\Nanosoft\nanoCAD en 21.0\'. A 'Change...' button is below the text box. At the bottom, there are three buttons: '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

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At the following step of the installation process you should choose **Mechanica** and **Construction** modules if you need to install them. **We recommend to install these modules only if you have licenses for them.** Other modules – 3D, Raster, Topoplan – will be installed by default.

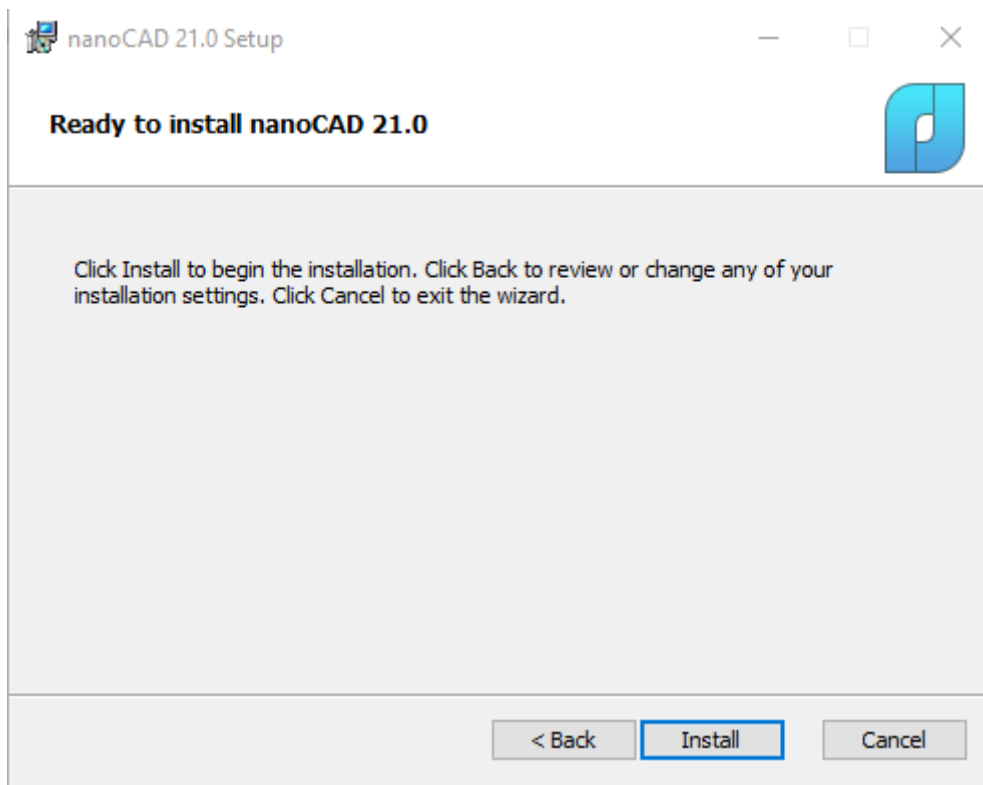


Associate .dwg (drawing), .dwt (drawing template), .dxf (drawing exchange format) and .dws (standards) files with nanoCAD 21:

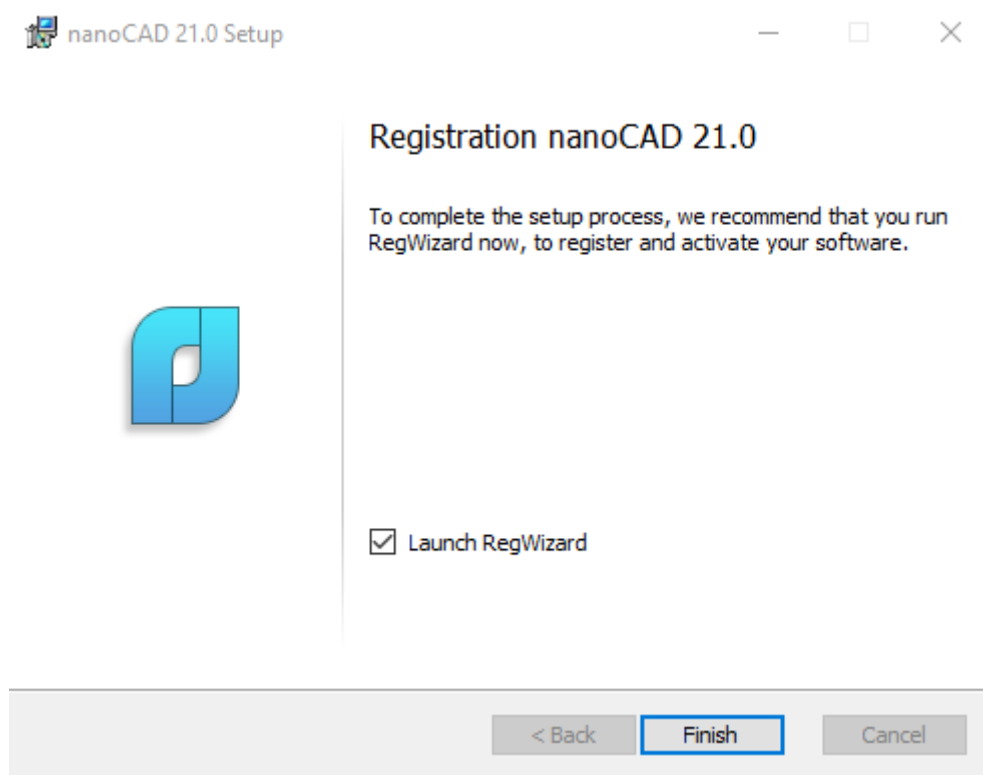


Click the *Install* button to start the installation process:

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After the installation process, you will be prompted to run Registration Wizard and register nanoCAD.



Choose *Launch RegWizard* option to start Registration Wizard automatically. You can uncheck this option and start Registration Wizard later from *Start – nanoCAD 21 – Registration Wizard* menu. Click *Finish*.

Installation of Additional Modules

nanoCAD 21 is a multicomponent software, it includes base Platform and additional components:

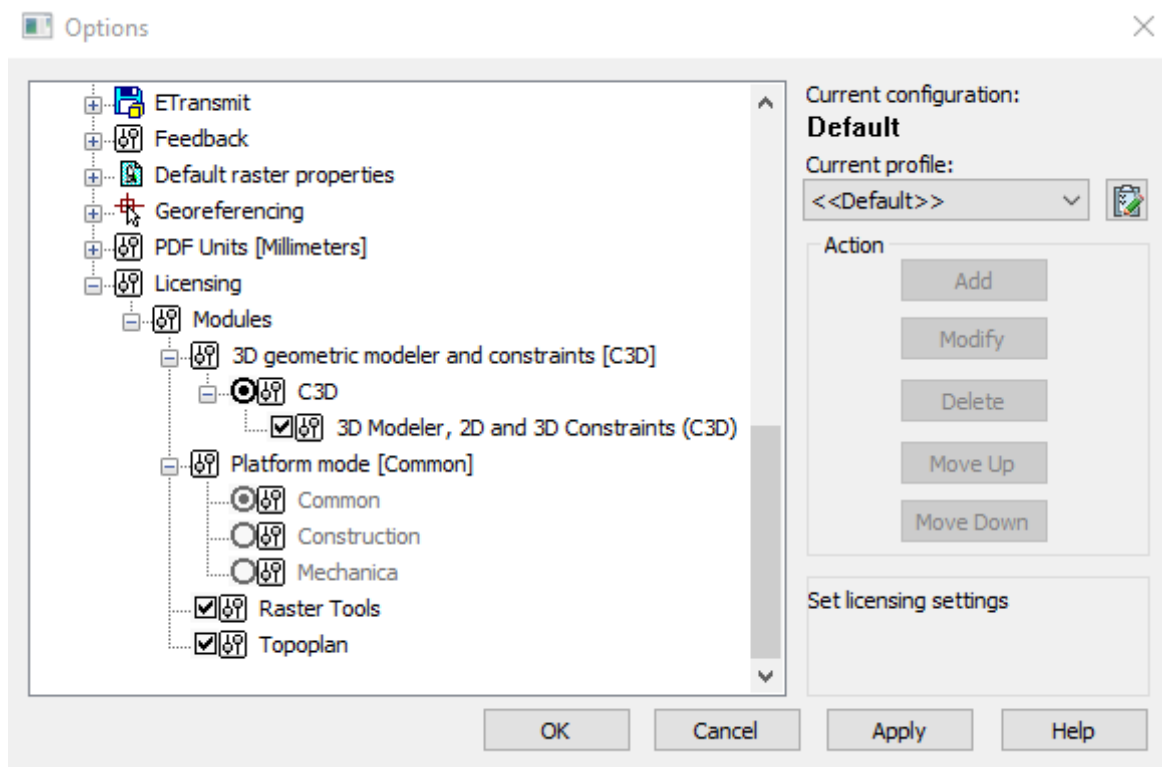
- Construction;
- Mechanica;
- Topoplan;
- 3D;
- Raster.

You can refuse installation of Construction and Mechanica at the installation process, other modules will be installed automatically.

Add module

If you bought additional module, make sure that it is switched on in the program options.

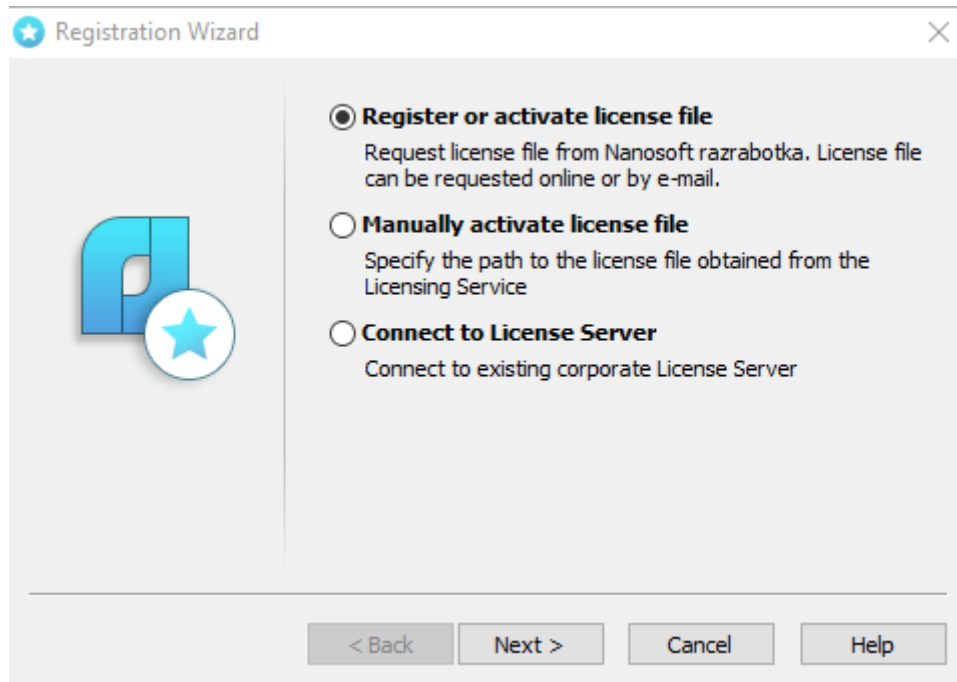
- Open *Options* dialog;
- find *Licensing – Modules* section;
- Select required components and click *OK*;
- restart nanoCAD.



Registration

Run Registration Wizard after the installation of nanoCAD.

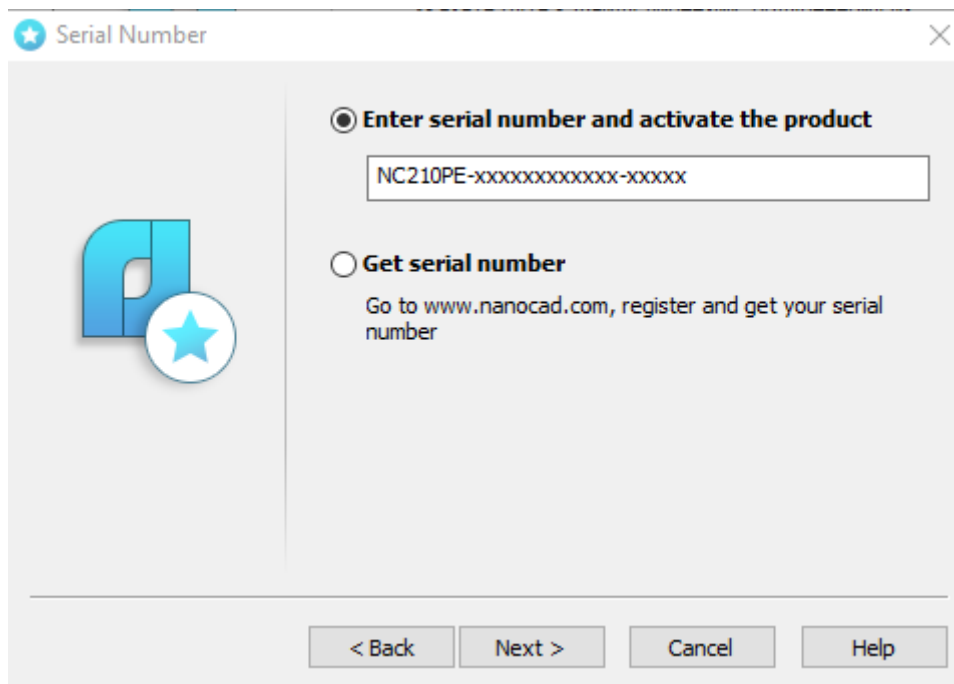
- If you need to activate the license or get serial number, choose *Register or activate license file* option.
- If you have received license file and need to activate it, choose *Manually activate license file* option.
- If you use network license and License Server is installed and runs, choose *Connect to License Server* option. Otherwise close Registration Wizard: you should [install License Server](#) at first.



Register or activate license file

If you have serial number, enter it in the field and click *Next*. The *User Authentication* window will be opened. Otherwise choose *Get serial number* option. You will be redirected to www.nanocad.com website. Follow site instruction for getting serial number, then start Registration Wizard again to activate your license.

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The 'Serial Number' dialog box features the nanoCAD logo on the left. It contains two radio button options: 'Enter serial number and activate the product' (selected) and 'Get serial number'. The first option has a text input field containing 'NC210PE-xxxxxxxxxxxx-xxxxx'. The second option includes instructions to go to 'www.nanocad.com' to register and obtain a serial number. At the bottom are buttons for '< Back', 'Next >', 'Cancel', and 'Help'.

Serial Number

☒ **Enter serial number and activate the product**

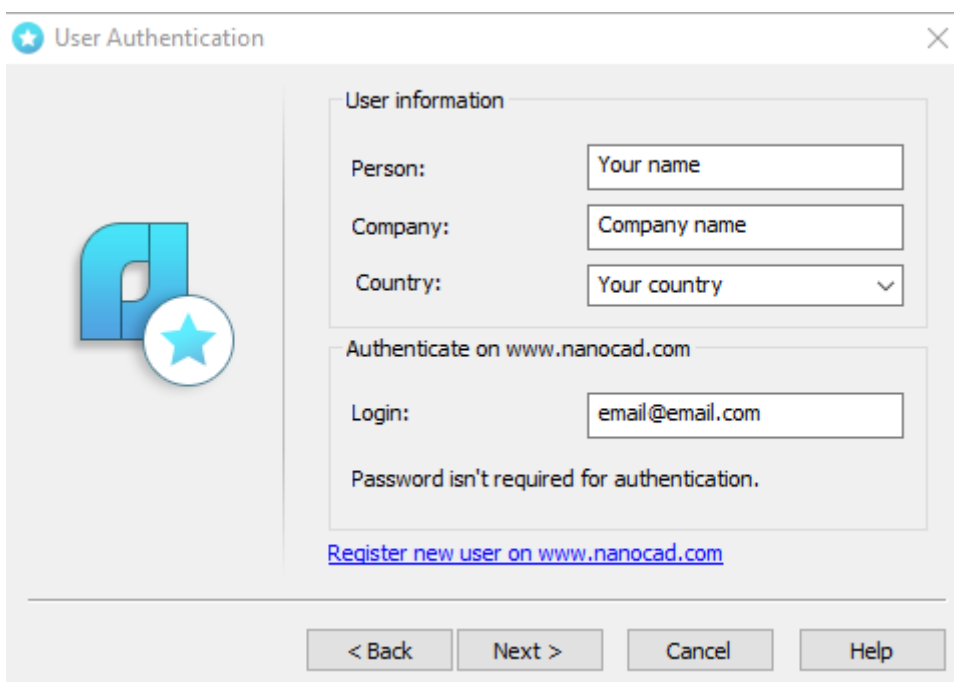
NC210PE-xxxxxxxxxxxx-xxxxx

☐ **Get serial number**

Go to www.nanocad.com, register and get your serial number

< Back Next > Cancel Help

In User Authentication window enter the following data: your name, your company's name, country and login (it coincides with email). Note that password is not required!



The 'User Authentication' dialog box features the nanoCAD logo on the left. It is divided into two sections. The 'User information' section contains fields for 'Person' (Your name), 'Company' (Company name), and 'Country' (a dropdown menu showing 'Your country'). The 'Authenticate on www.nanocad.com' section contains a 'Login' field (email@email.com) and a note that 'Password isn't required for authentication.' A blue link 'Register new user on www.nanocad.com' is located below the login section. At the bottom are buttons for '< Back', 'Next >', 'Cancel', and 'Help'.

User Authentication

User information

Person: Your name

Company: Company name

Country: Your country

Authenticate on www.nanocad.com

Login: email@email.com

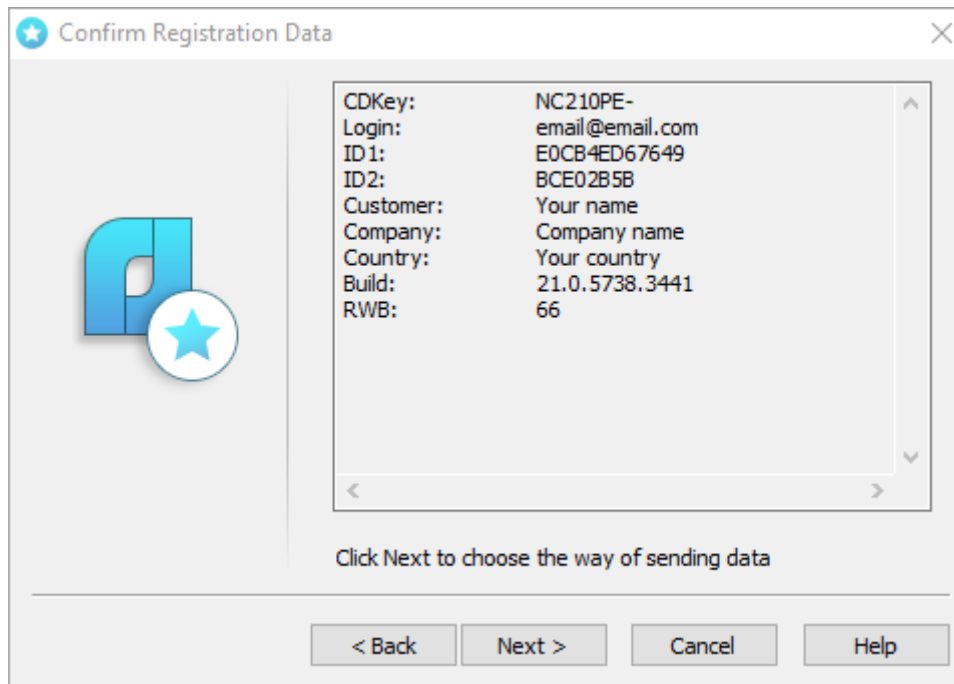
Password isn't required for authentication.

[Register new user on www.nanocad.com](http://www.nanocad.com)

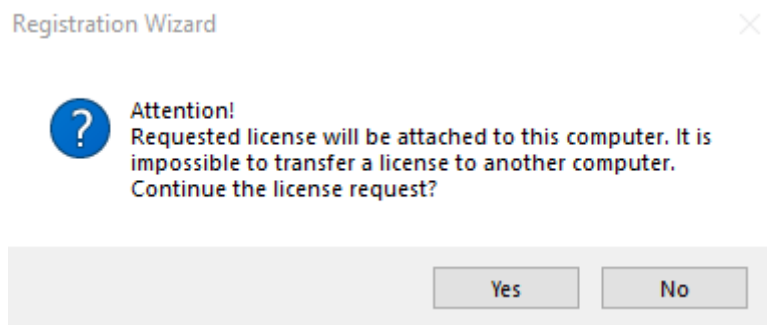
< Back Next > Cancel Help

Check your information in *Confirm Registration Data* window. This information will be sent to Nanosoft razrabotka company for getting the local license. Click *Next* if the data is correct or *Back* to change it.

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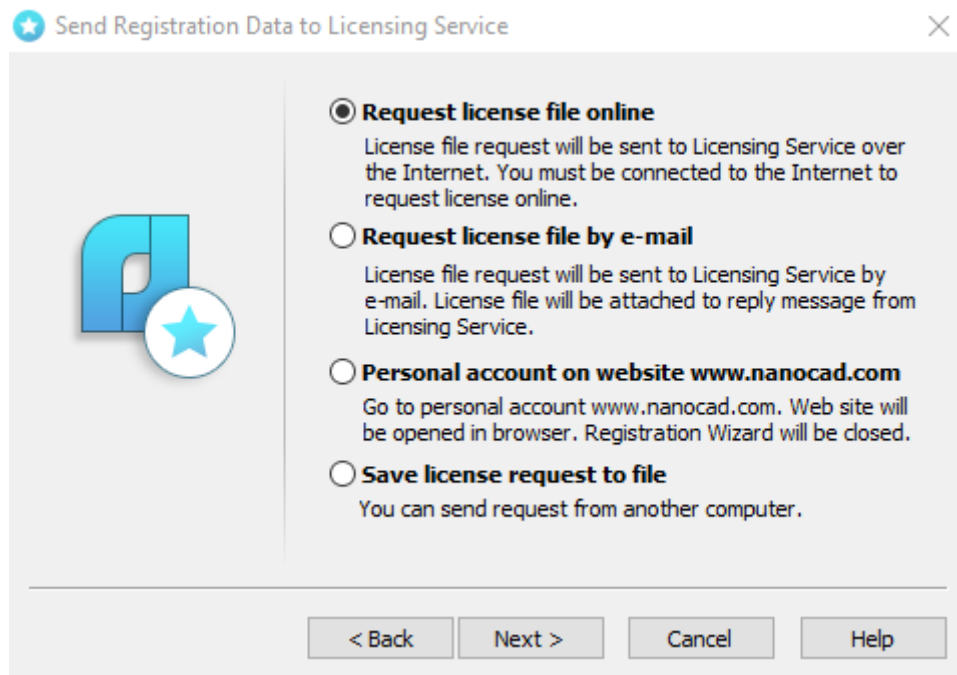


Click Yes:

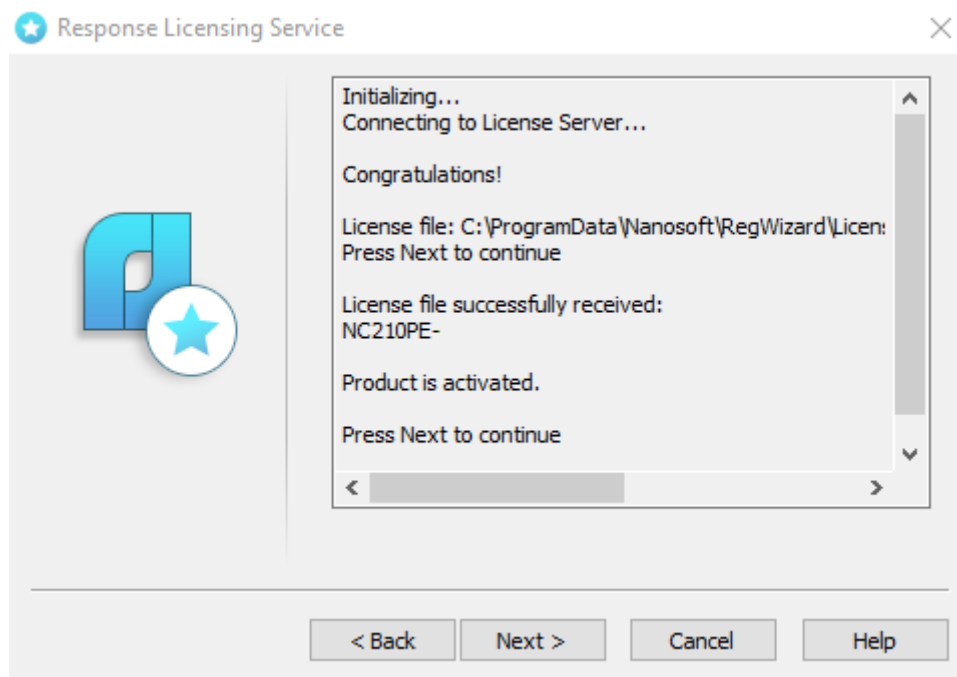


Then *Send Registration Data to Licensing Server* window will be opened.

Request license file online



This option can be chosen on computers that have Internet connection. Registration Wizard connects with License Server through the Internet, gets the license, then saves it on computer and activates automatically.



Note. License files are located in the following folder by default:
C:\ProgramData\Nanosoft\RegWizard\Licenses.

The result of an online license request may be:

- license file successfully received;

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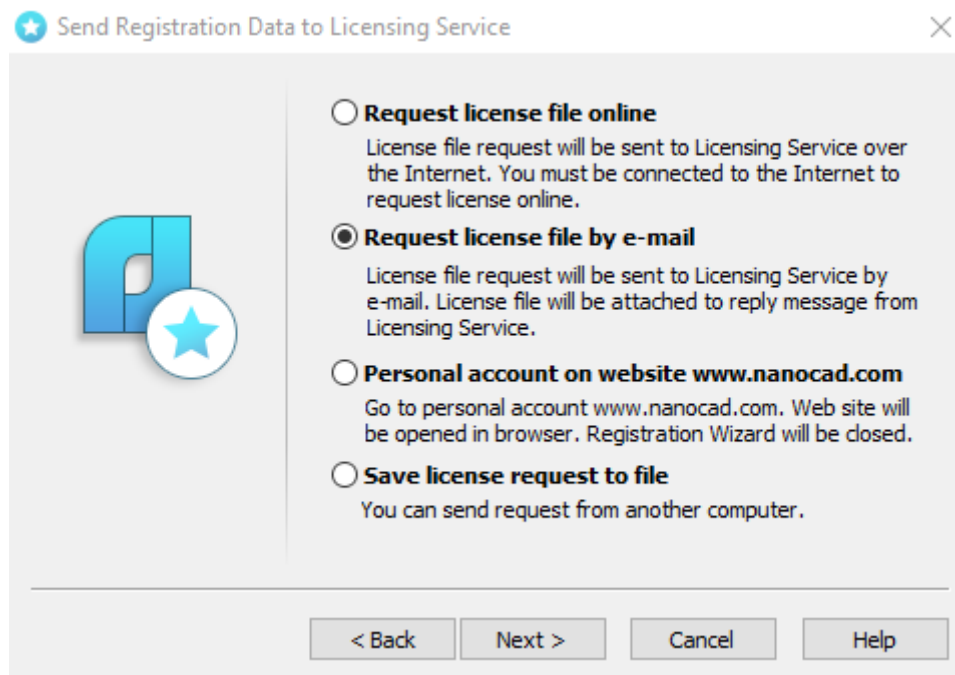
- license file request failed;
- failed connection to Licensing Server.

If the product was successfully activated, click *Next*, then *Finish*.

Congratulations! License file successfully received. Product is activated.

In the case if you don't have Internet connection or you get *failed connection* error, request license file in another way.

Request license file by e-mail



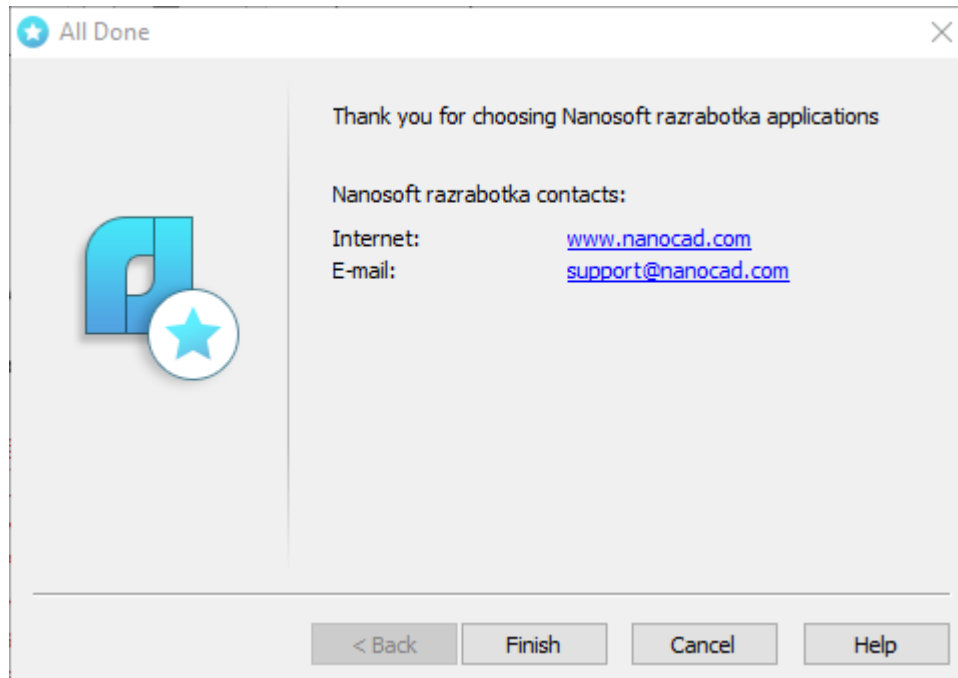
It is possible to get license file by e-mail. Choose this option in *Send Registration Data to Licensing Server* window of the Registration Wizard. Email will be generated automatically, you should send it. Please do not edit the message.

Send	To	getnanolic@nanocad.com <getnanolic@nanocad.com>;
	CC	
	BCC	
Registration Request: App=nanoCAD x64 21.0, CDKey=NC210PE-xxxxxxxxxxxx-xxxxx, ID1="181deab37c10", ID2=ef25aef, Lang=1049		

Please do not change the subject of the email, it will speed up the processing of the request.

CDKey=NC210PE-xxxxxxxxxxxx-xxxxx
E-mail=email@email.com
Build=21.0.5629.3417
RWB=64
Customer=Name
Company=Company
Country=Country
ID1= 181deab37c0d
ID2=ef25aef

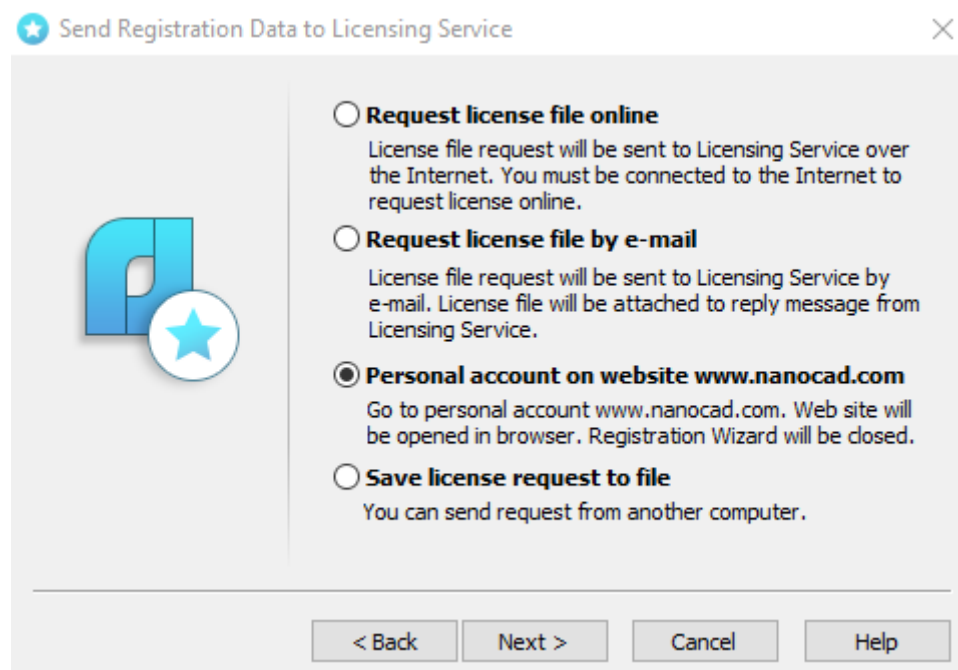
Soon you will get an email with license file. Save this file on your PC, then start Registration Wizard and choose *Manually activate license file* option.



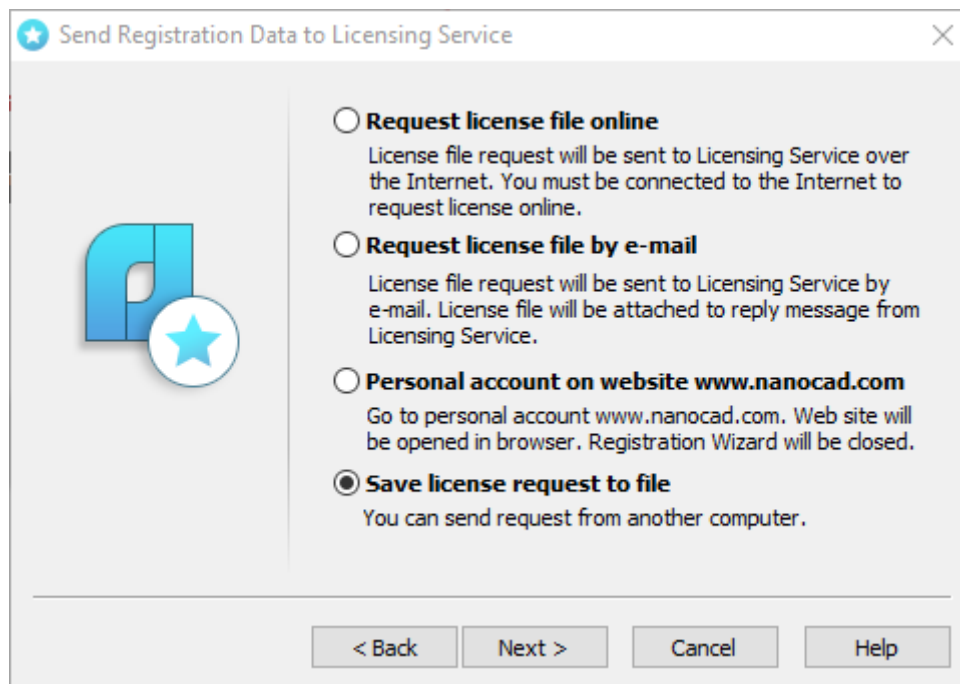
Click *Finish*.

Go to personal account on website

Use this option to open your personal account on the website www.nanocad.com. Registration Wizard will be *closed*.



Save license request

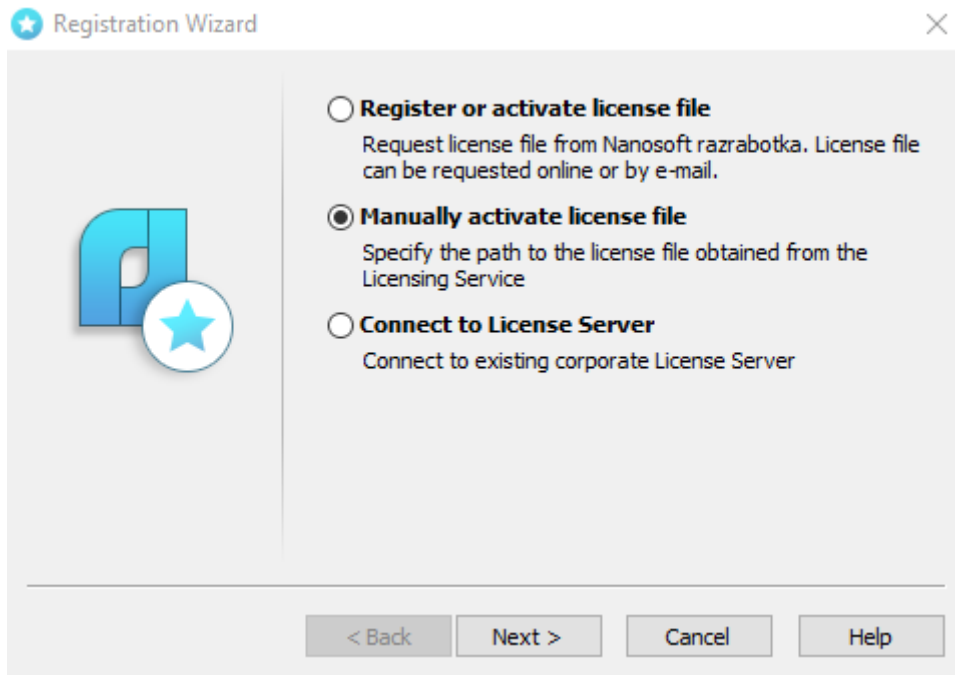


It is possible to save license request in text file. You will be able to transfer this file to another computer and send to Licensing Server or Support Portal through the Internet. Registration Wizard will automatically generate *LicenseRequest.eml* file – this is text file including an important information for getting the license. Send this file to your support manager, then you will get the license file and further instructions.

Activate license file

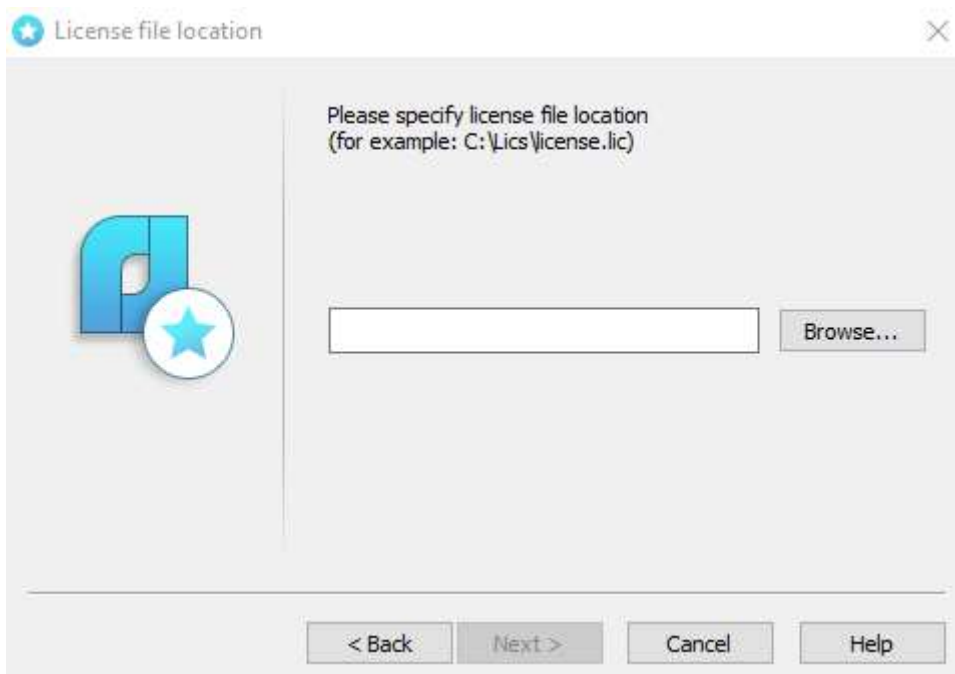
If you received the license file, you should activate it. Save this file on computer. Start Registration Wizard, choose *Manually activate license file* option:

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License file location

Click *Browse* to specify the location of the license file.



Click *Next*.

Congratulations! License file successfully received. Product is activated.

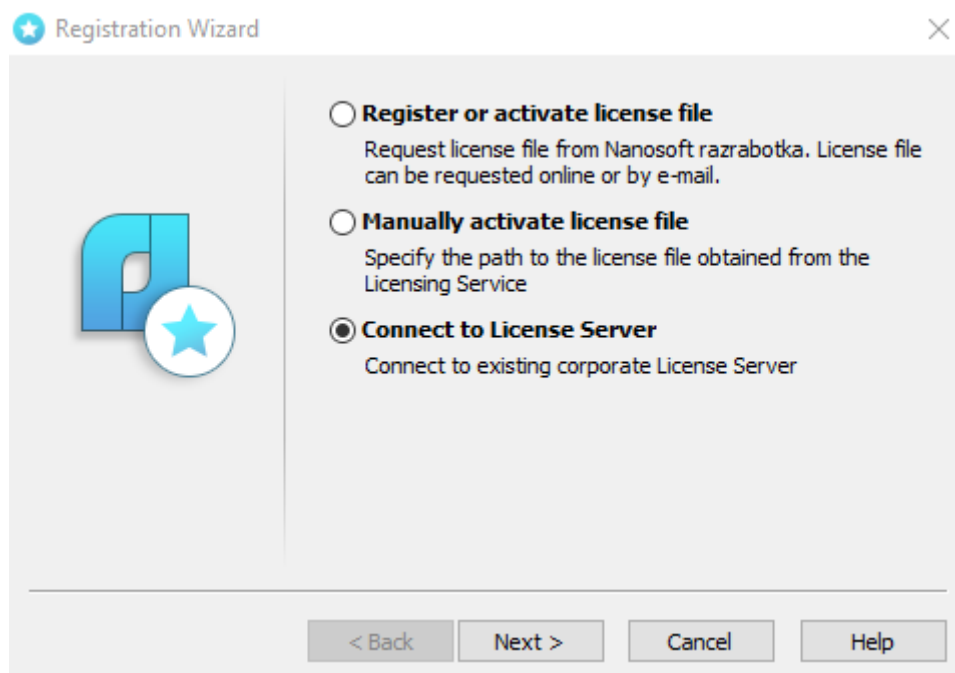
Network license activation

Network licensing requires a TCP/IP connection. Install License Server on one of computers in the local network. Install nanoCAD on every computer which will use it, then connect nanoCAD with License Server through the Registration Wizard by the name of Server PC or its IP address.

Network license provides installing nanoCAD on any number of PCs, but no more than the number of paid PCs will be able to start nanoCAD at the same time.

Connect to License Server

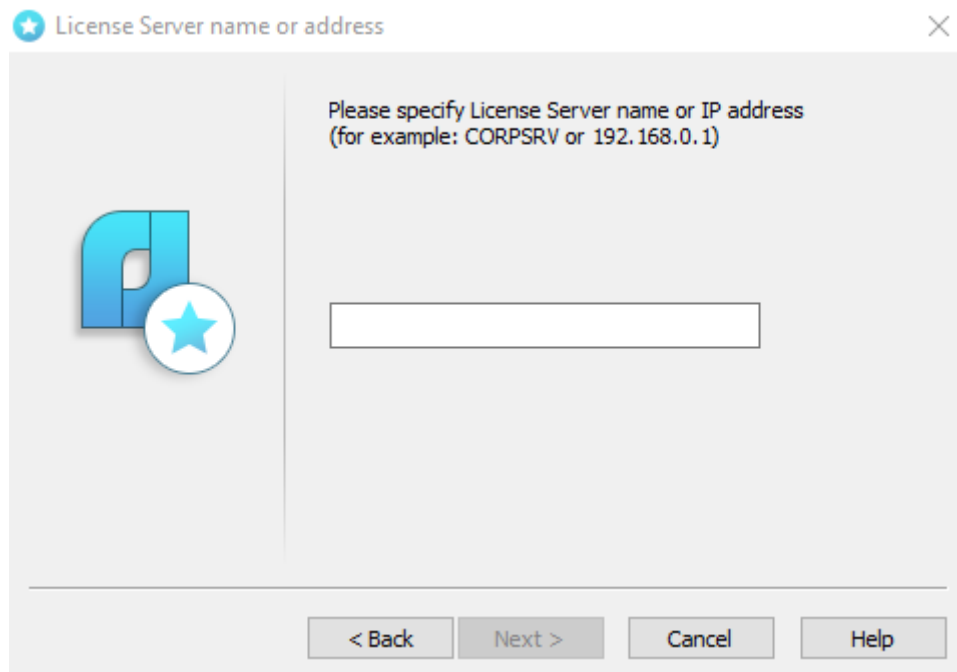
If Nanosoft License Server is installed in the local network, you should connect nanoCAD to it. Run Registration Wizard, choose *Connect to License Server* option and click *Next*:



Specify License Server

Enter the IP-address of computer where the License Server runs (for example, 192.168.0.1), or a NetBIOS-name of this computer (for example, CORPSRV). If you use irregular ports, enter the name of port and server name: <port>@<server_name> (for example, 270010@CORPSRV).

Click *Next*.



Congratulations! Product is activated.

License Borrowing

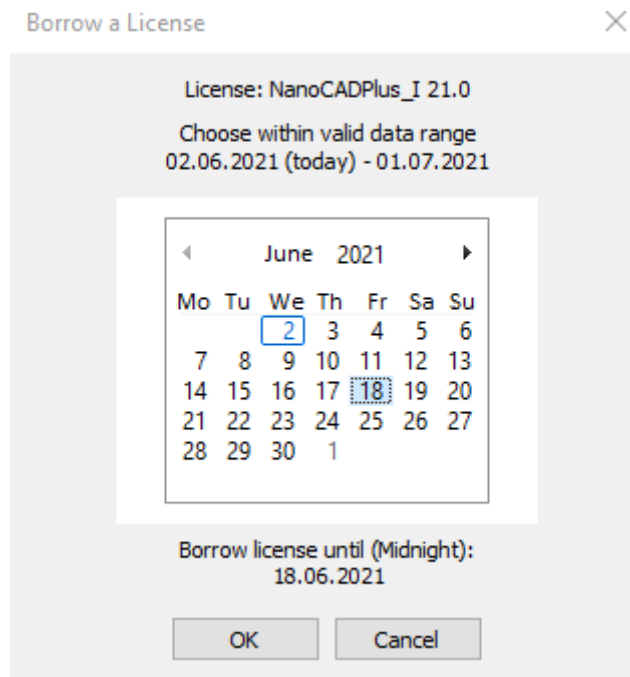
License borrowing allows to use nanoCAD outside the local network during a certain time. This option doesn't work by default, please connect Support Center support@nanocad.com for getting specific license file.

How to Borrow License

To borrow license from the License Sever:

- call the BORROWLICENSE command in the nanoCAD command line;
- Specify end borrowing date and click *OK*.

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At the end of the specified date the borrowed license will be returned to the License Server. To turn the license back to server earlier, connect nanoCAD to License Server and call RETURNLICENSE command.

About

You can find your license information in About dialog

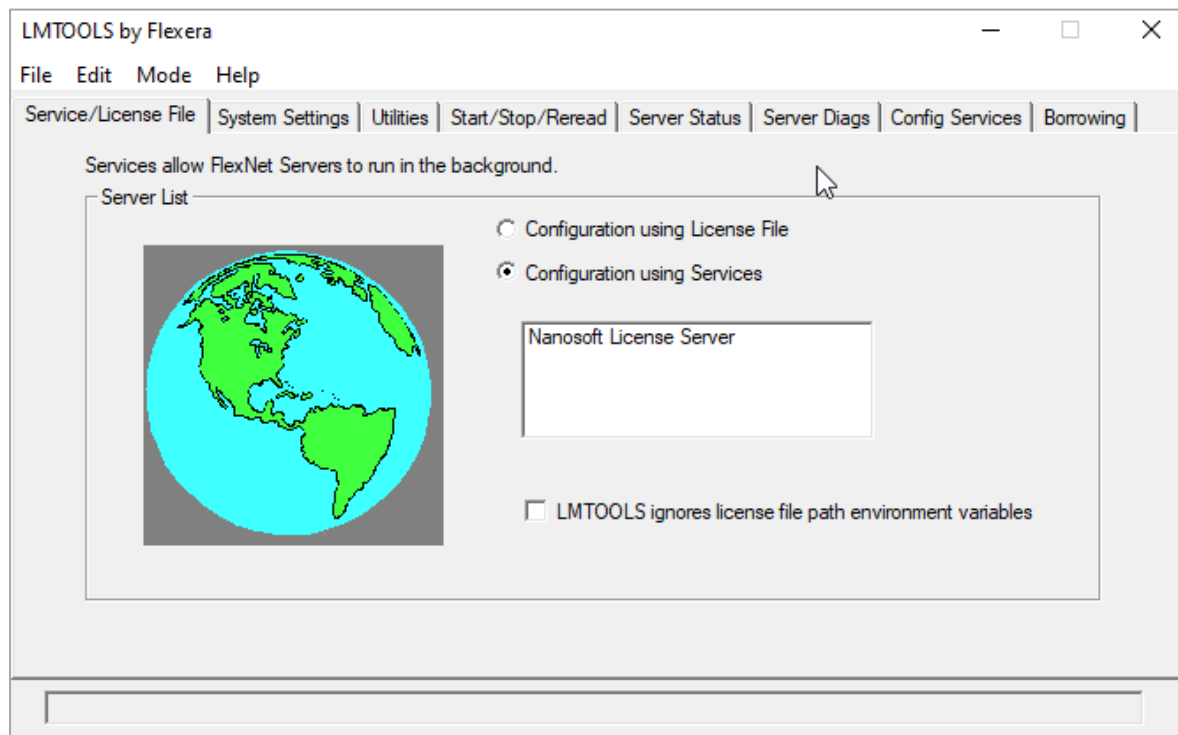


Network Licensing

Download *License Server* from the personal account on website.

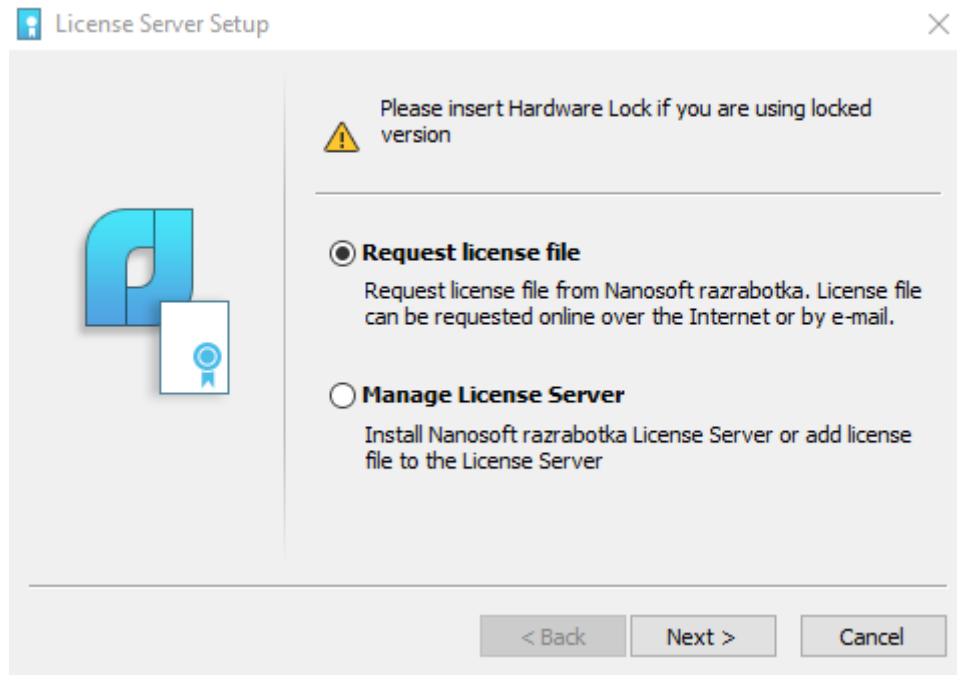
Network licensing in nanoCAD contains the set of utilities for installation, maintenance and control of network licenses:

- License Server Setup Wizard is an utility for installation and maintenance of network licenses. It installs, deletes, services the server part of the network license;
- Nanosoft License Server is a server part of network licensing; it includes the set of programs, utilities, services which control licenses and provide reports.



Run License Server

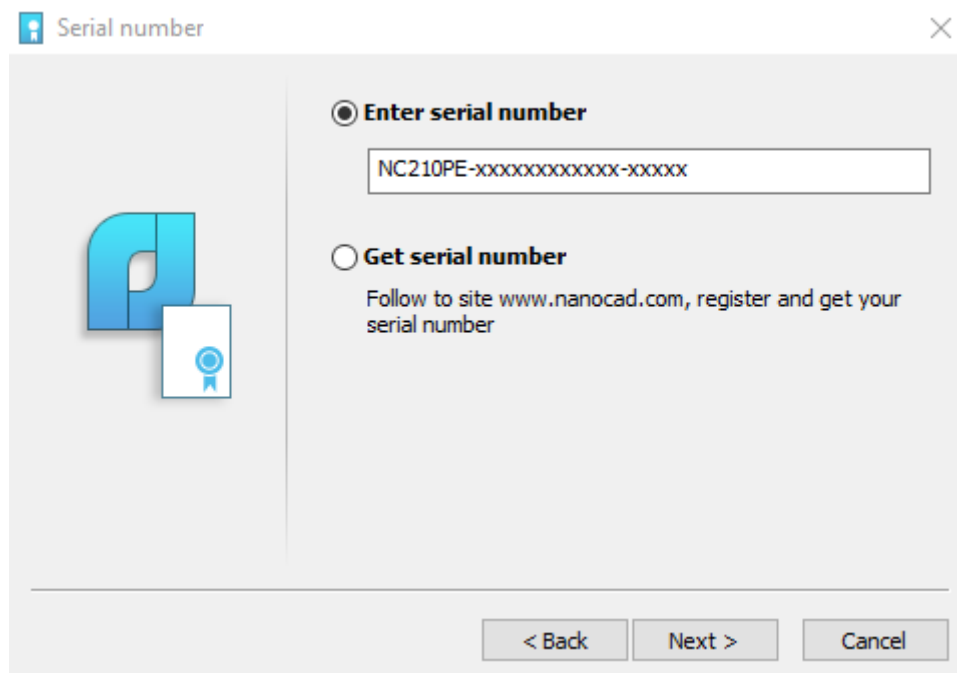
Start LicServSetup.exe file:



The first option *Request license file* is the main one. Choose it when you start License Server at the first time and need to install it, when you need to activate the license, or get new license file for existing server. If you already have the license file, or you need to stop or delete License Server, choose the second option *Manage License Server*.

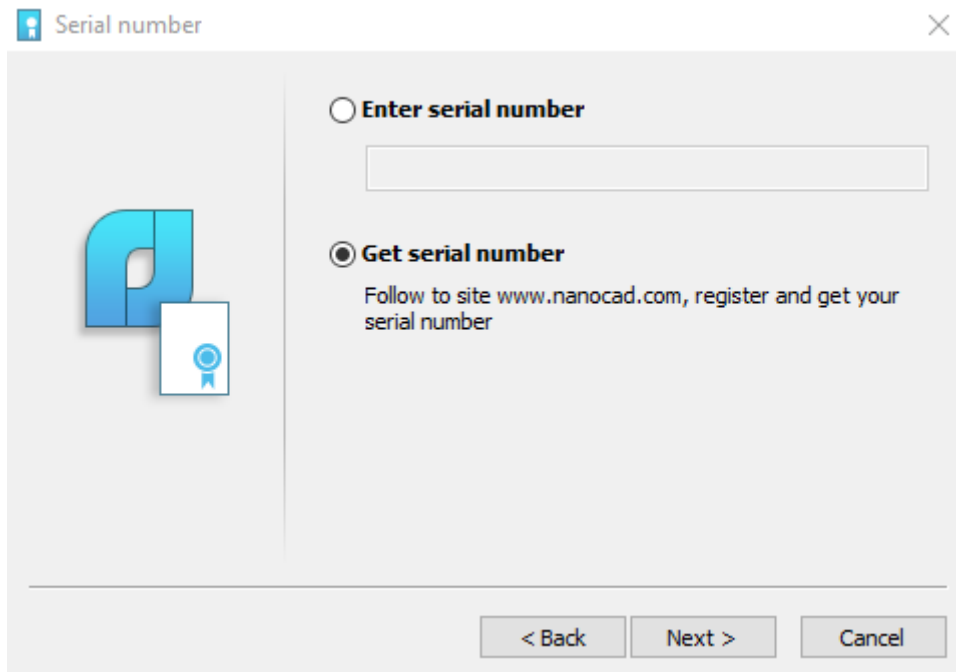
Request Network License

If you didn't get the license file yet, choose Request license file option. Enter serial number of your network license and click *Next*. You can find serial number in the personal account on website.



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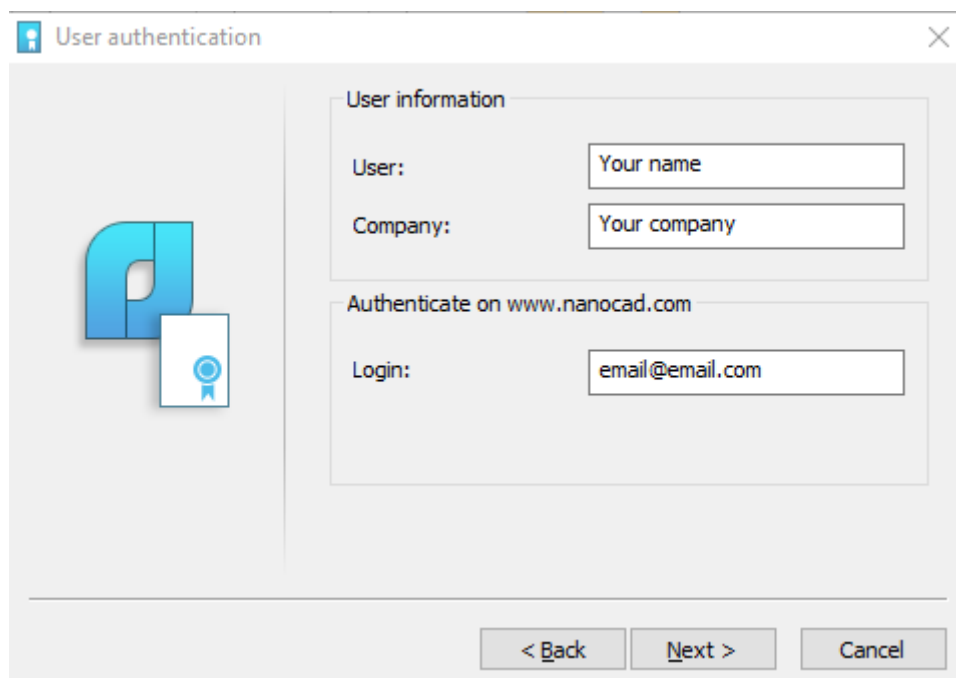
If you don't have the serial number, use *Get serial number* option. Click *Next*: you will be redirected to nanocad.com website. License Server Setup Wizard will be closed. Please run License Server Setup again when the serial number is received.



The 'Serial number' dialog box features the nanoCAD logo on the left. On the right, there are two radio button options: 'Enter serial number' (unselected) and 'Get serial number' (selected). Below the 'Enter serial number' option is a text input field. Below the 'Get serial number' option is a text label: 'Follow to site www.nanocad.com, register and get your serial number'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

User Authentication

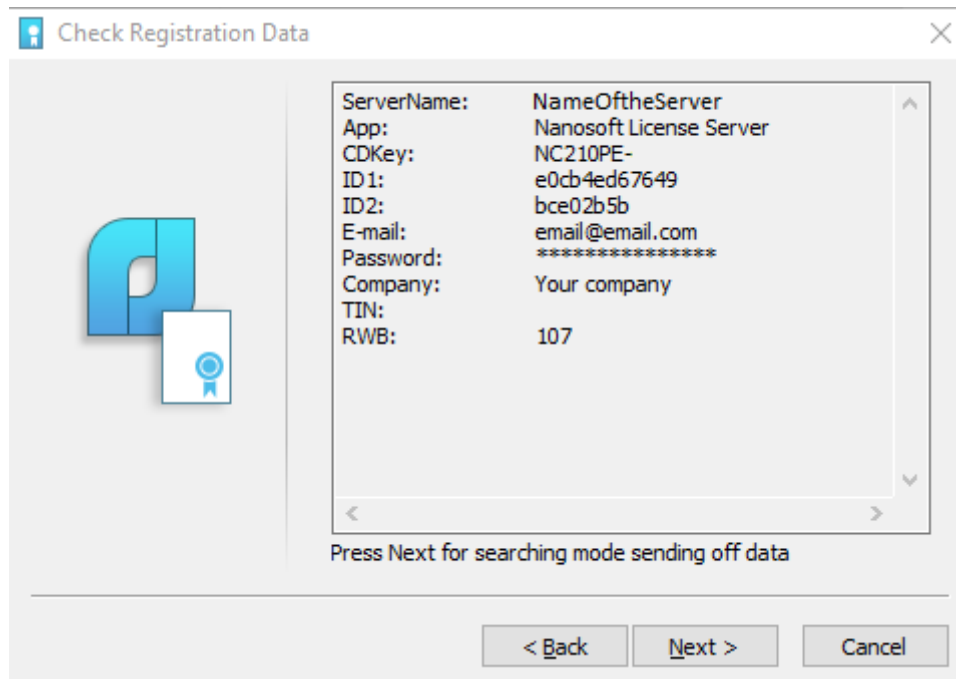
Enter your data: User Name, Company Name, Login (is the same with your email). Note: password is not required.



The 'User authentication' dialog box features the nanoCAD logo on the left. On the right, there are two sections. The first section, titled 'User information', contains two labels with corresponding text input fields: 'User:' with 'Your name' and 'Company:' with 'Your company'. The second section, titled 'Authenticate on www.nanocad.com', contains a 'Login:' label with a text input field containing 'email@email.com'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Confirm Registration Data

Check your data. If it is correct, click *Next*. Otherwise click *Back* to edit it.



The dialog box titled "Check Registration Data" features a NanoCAD logo on the left. On the right, a list of registration details is displayed:

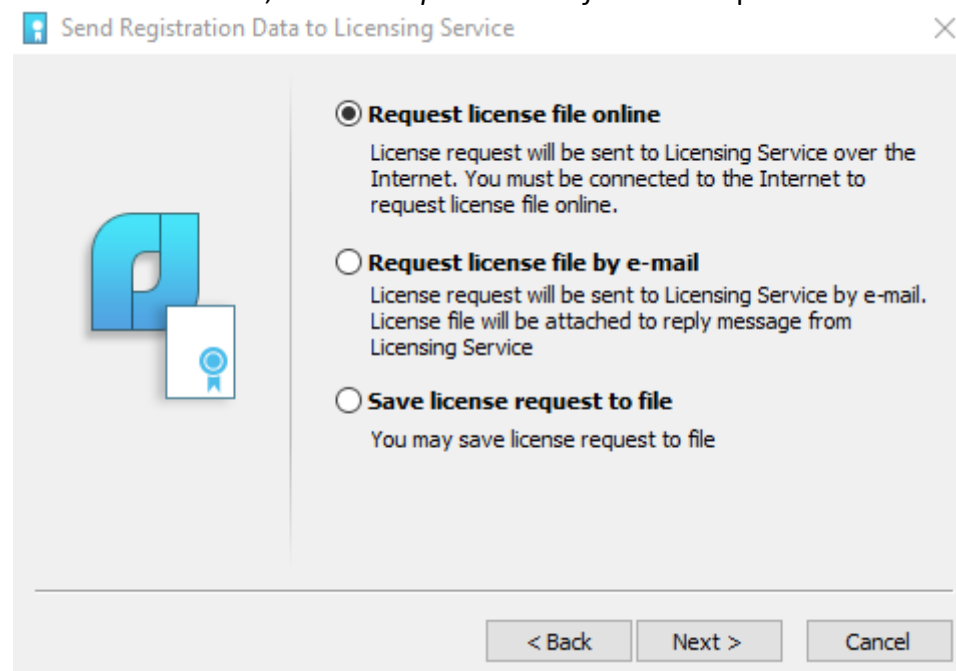
ServerName:	NameOftheServer
App:	Nanosoft License Server
CDKey:	NC210PE-
ID1:	e0cb4ed67649
ID2:	bce02b5b
E-mail:	email@email.com
Password:	*****
Company:	Your company
TIN:	
RWB:	107

Below the list, a message reads: "Press Next for searching mode sending off data". At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

Send Registration Data to Licensing Server

Choose one of the methods to get the license file.

If computer has Internet connection, choose *Request license file online* option and click *Next*.



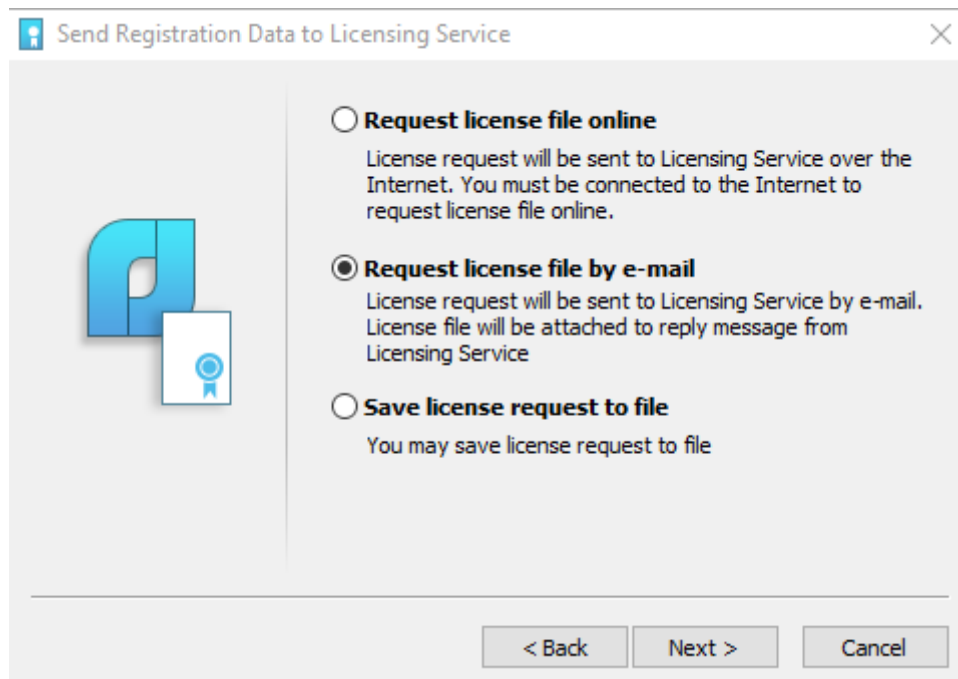
The dialog box titled "Send Registration Data to Licensing Service" features a NanoCAD logo on the left. On the right, three radio button options are listed:

- ☒ **Request license file online**
License request will be sent to Licensing Service over the Internet. You must be connected to the Internet to request license file online.
- ☐ **Request license file by e-mail**
License request will be sent to Licensing Service by e-mail. License file will be attached to reply message from Licensing Service
- ☐ **Save license request to file**
You may save license request to file

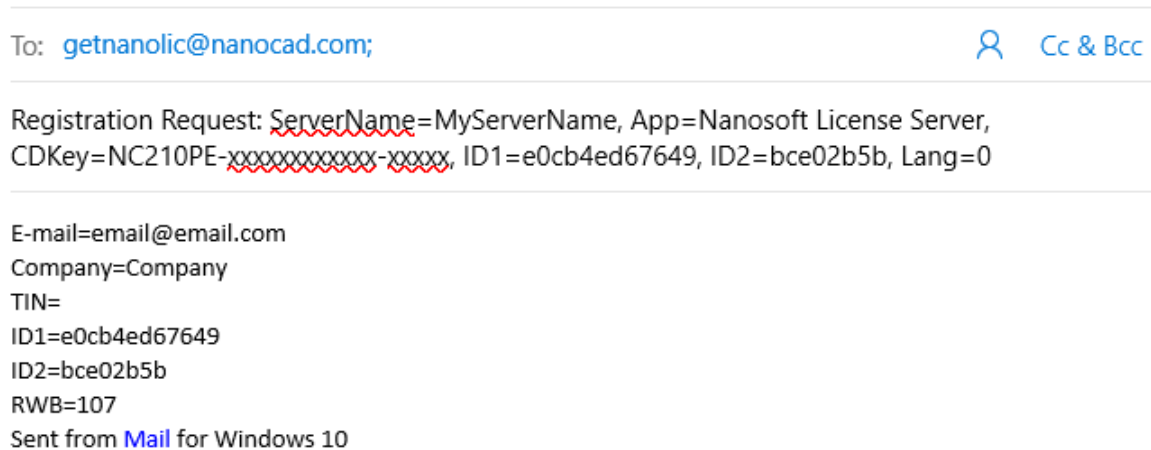
At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

Request license file by email

It is possible to get license file by e-mail. Choose this option in *Send Registration Data to Licensing Server* window of the License Server Setup.



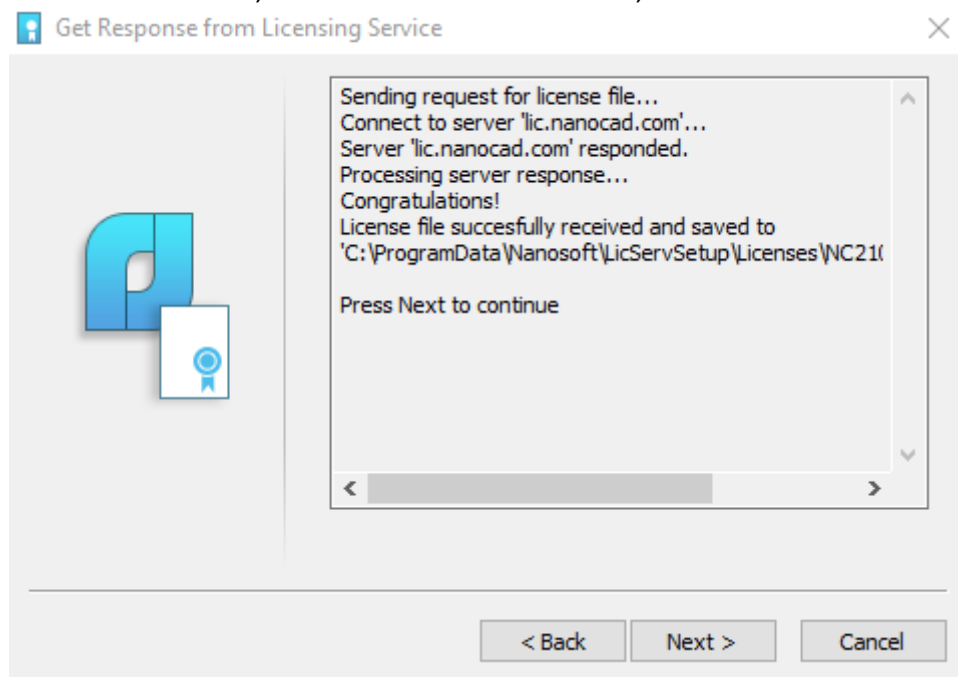
Email will be generated automatically, you should send it. Please do not edit the message.



It is possible to save a license request to text file. You will be able to transfer this file to another computer with Internet connection and send to Licensing Server or Support Portal. Program will automatically generate *LicenseRequest.eml* file – it is a text file with important information for getting the license. Send this file to your support manager, then you will get the license file and further instructions.

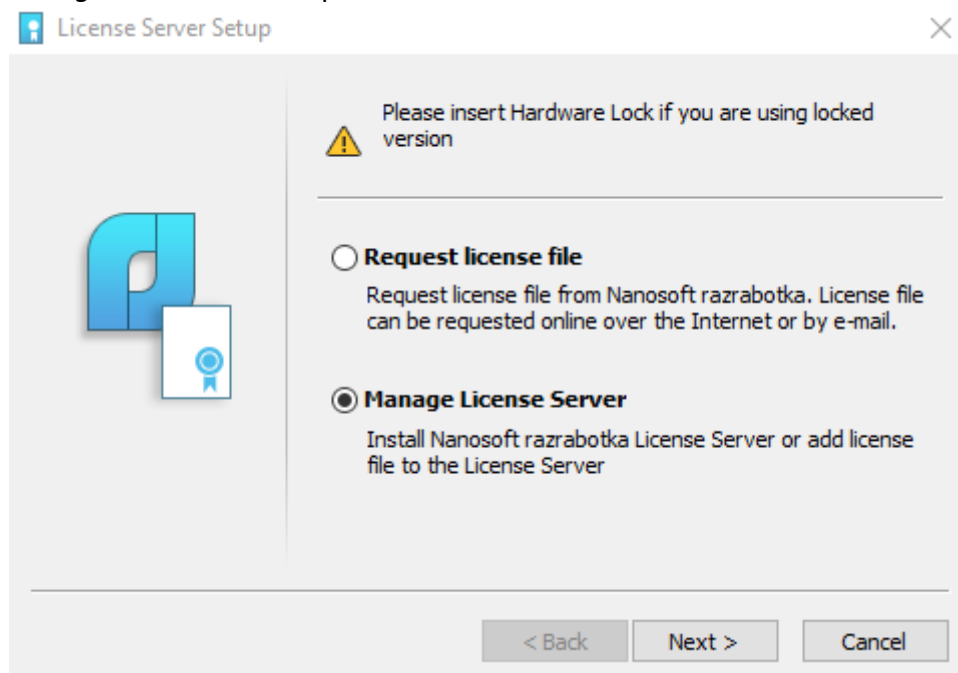
Respond from Licensing Service

If you request the license file online, License Server will receive it, save and activate automatically.



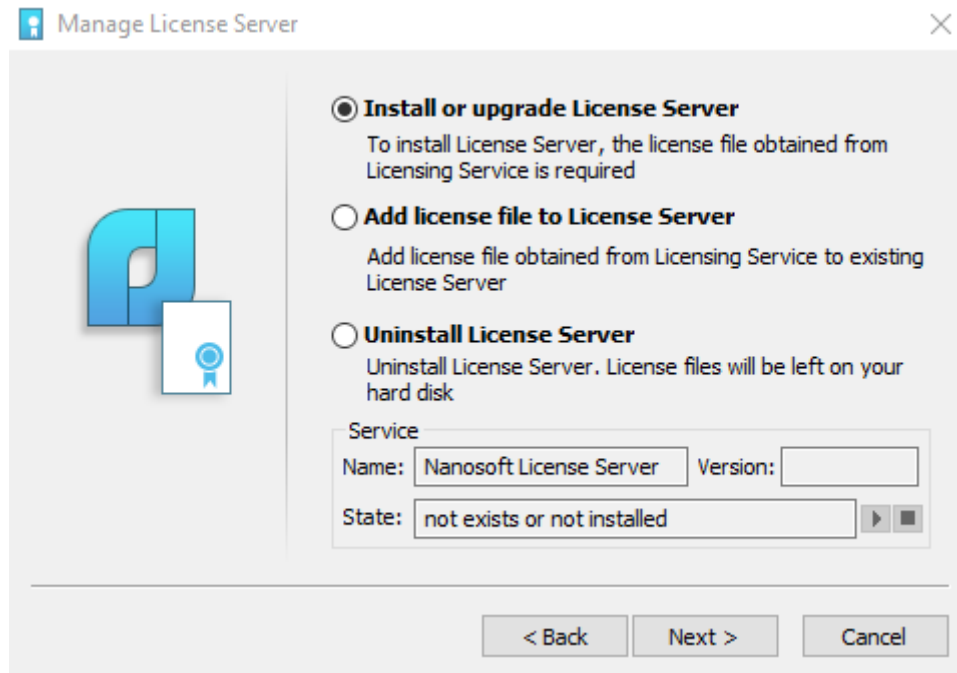
Configure License Server

After you have received the license file, you should configure License Server. Run License Server Setup Wizard, choose *Manage License Server* option:

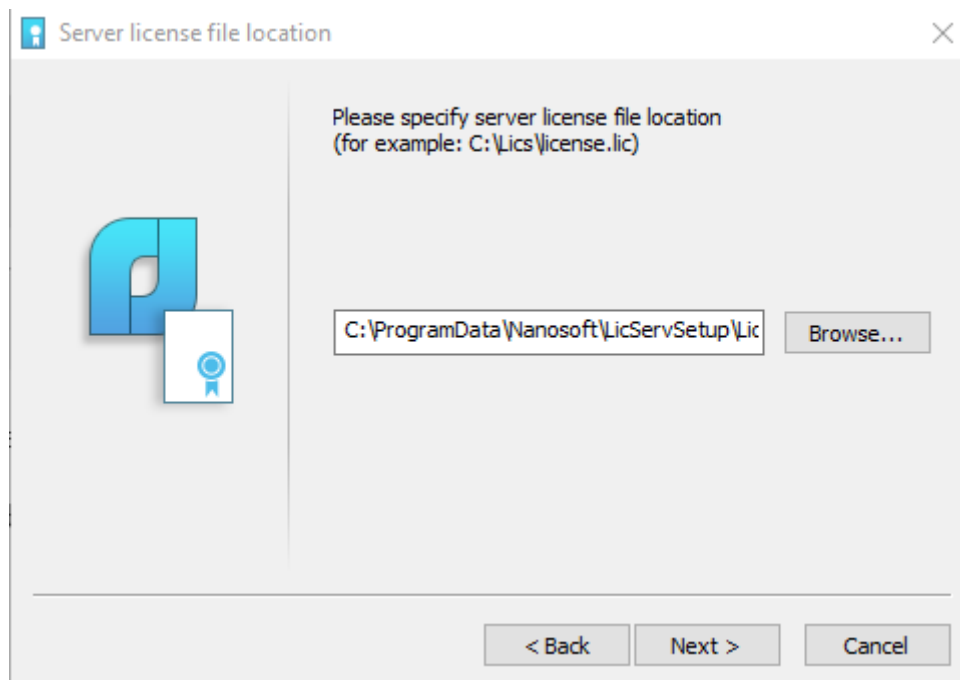


Manage License Server window includes several options:

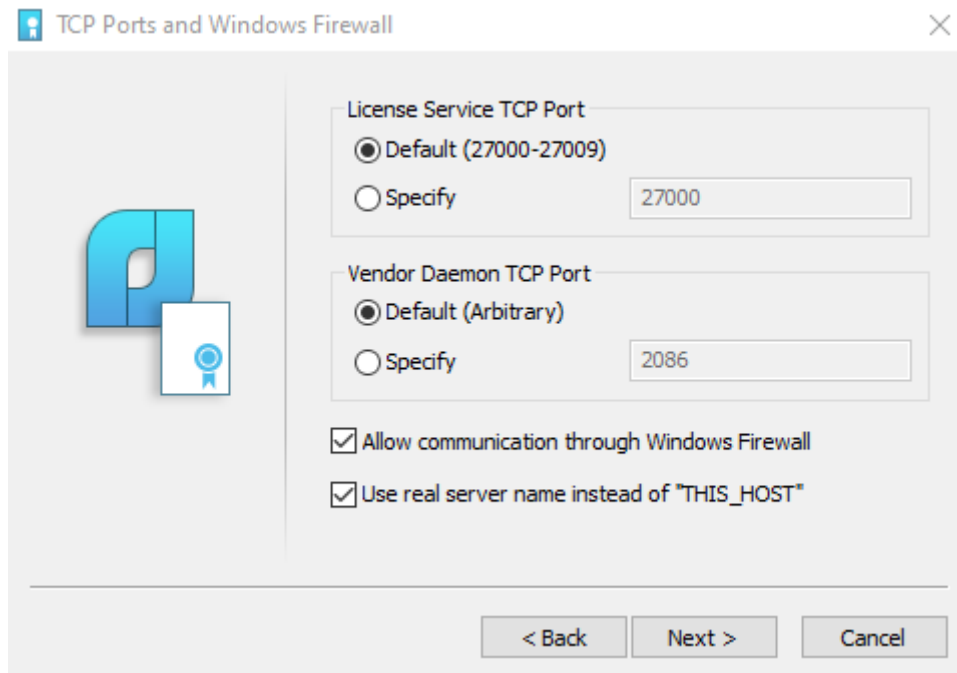
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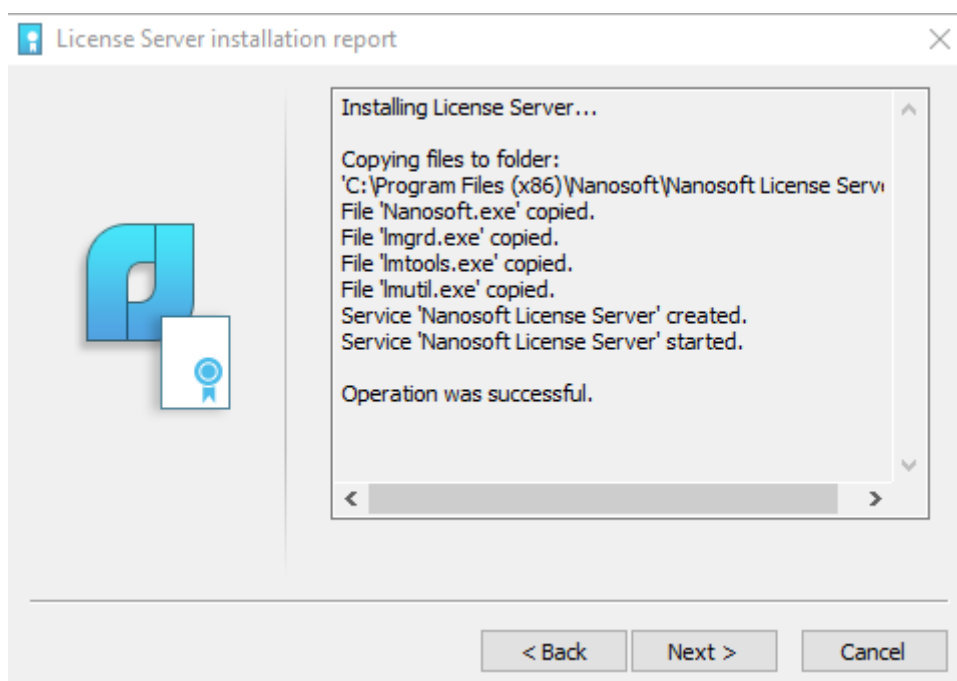
- Install or upgrade License Server. Use this option if the License Server is not installed yet. Specify the location of the license file, then click *Next*. Network license files are located in `c:\ProgramData\Nanosoft\LicServSetup\Licenses\` folder by default:



Then specify License Service and Vendor Daemon TCP ports. Use default ports or set specific ones. Click *Next*:



- Add License File to License Server. Use this option when License Server is installed and works and you need to update or upgrade the current license. Specify the license file location and click *Next*. Network license files are located in `c:\ProgramData\Nanosoft\LicServSetup\Licenses\` folder by default.



The License file will be added to License Server. The Server will be restarted automatically.

Remote connection to License Server

There is a possibility to connect to remote License Server through the Internet. To do this, you need to forward the port of the License Server (standard port 27000), so that it is available for connection from the global network and has a public (permanent) IP address on the computer where the License Server is installed. In this case, you can connect to the License Server from any computer that has Internet access. To connect to the License Server configured for Internet connections, you will need to specify not only the external IP address in the Registration Wizard but also the port, using the @ symbol, for example, *27000@external_ip*.

Possible problems and how to fix them

You can read information about the most common problems below. If you cannot solve the problem, contact our Support Center: support@nanocad.com.

Get error when start setup.exe file

1. Make sure the installation file is downloaded completely and correctly.
2. Make sure the computer meets the system requirements for the software.
3. Try to install nanoCAD on another computer.
4. Try to localize the problem and send the message to Support Center.

Installation Wizard does not accept serial number

1. Make sure that you enter the serial number for the software you are installing. For example, NC210-xxxxxxxxxxx-xxxxx for nanoCAD 21.
2. Make sure that you entered all the symbols correctly. Serial number doesn't include O letter, only 0 digit.
3. Make sure the inserted serial number doesn't include non-printable characters (space, tab, etc.).
4. Contact Support Center. Don't forget to specify the name and version of the software and the serial number you're trying to activate.

Software does not run

1. Make sure the computer meets the system requirements for the software.
2. Make sure that the installed files are not damaged. For example, if the computer is infected with virus, then antivirus software can move nanoCAD's files to the quarantine.
3. Contact Support Center. Try to explain the problem in detail, don't forget to specify the version of nanoCAD.