3DS MAX SOFTWARE CAPABILITIES AND INSTALLATION STEPS ON YOUR COMPUTER SYSTEM

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Annotation: This article discusses the importance of using 3dMax 2D and 3D modeling software to draw graphical geometry problems in a drafting geometry class. The main directions of application of this software in the field of professional architectural design and design, as well as in the field of educational design are considered. Information is also provided on the benefits of this software and its use in Uzbekistan.

*Keywords***:** two-dimensional modeling, 3dMax, descriptive geometry, architecture, design.

We now describe the process of installing the 3ds Max graphics program on our personal computer, the program interface-table, the drop-down menu window, the program "Standards" and the "Vray", "Corona", "Render Man" "Material Editor" sections. we begin to study the stages of adjustment as sequentially as possible.

Based on the general points above, we will start by installing the 3ds Max graphics program in the computer panel control system as the first step. Because there are virus programs of large and small sizes, which can damage the work of such programs by passing to a computer flash drive, through the Internet. In such cases, it needs to be restored.

3ds Max is loaded from the "Install" disk by using the "Autodesk Setup Program" icon with the help of the "Mouse" and with the right button of the "Startup username administrator" with the left mouse button (Figure 1).
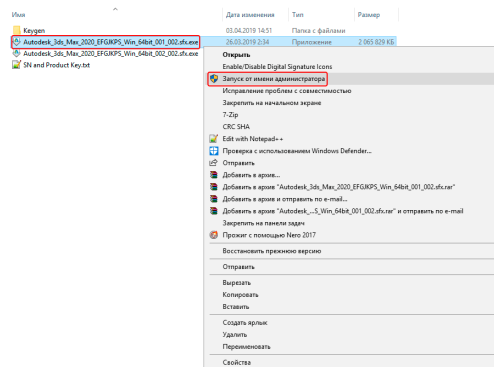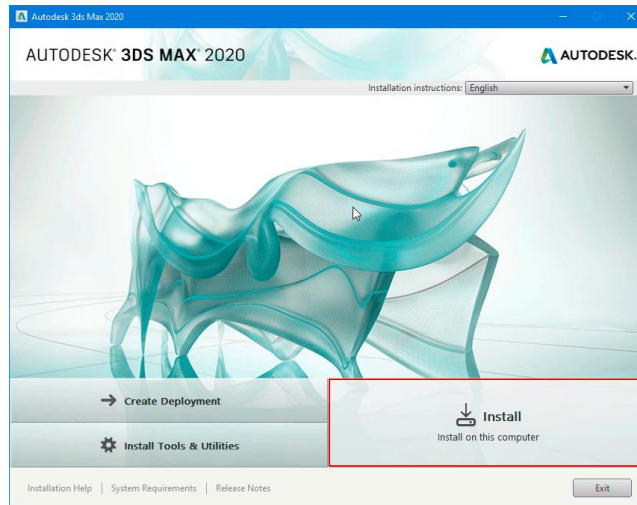

Figure 1. Unpacking the program files will begin. By default, the files are unzipped to the "C:\Autodesk\" directory. Leave this path unchanged and click OK (Figure 1).

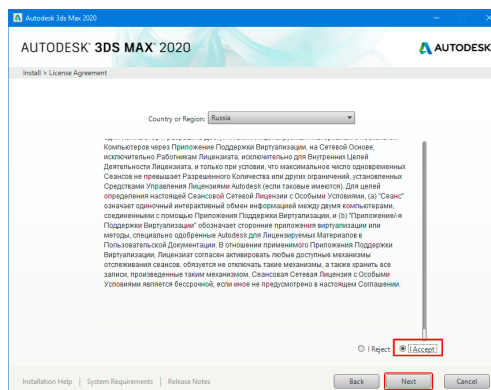Unpacking takes about 10 minutes (Figure 2).

Then the program installation panel will open automatically. Click the "Install" button on the installation panel: (Figure 2).
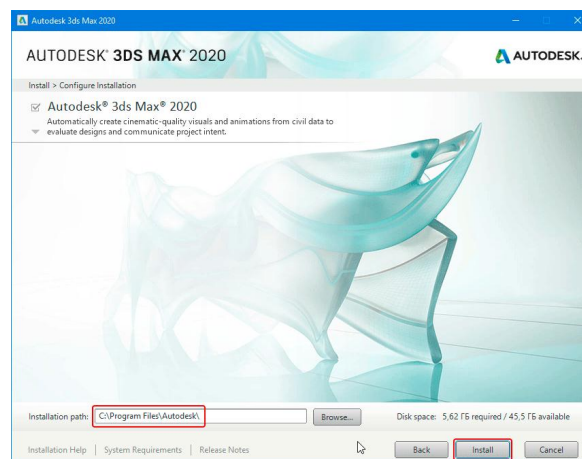

Figure 2

In the license agreement panel, check the box next to "I Accept" and click "Next" (Figure 3).

Figure 3

In the next step, the configuration panel will open (Fig. 4). By default, the program will automatically install to the installation directory "C:\Program Files\Autodesk". For no reason, do not change the default installation path (later it will save you time, effort and nerves) and click the "Install" button.
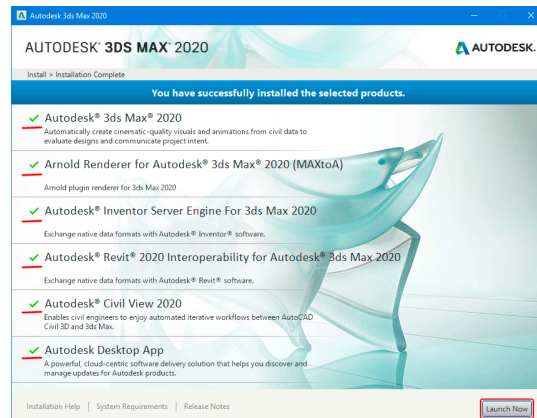

Figure 4

The installation of the program on the computer system begins: (Fig. 5).

Depending on the speed of your computer, the installation will take 15 to 50 minutes. Wait for the installation to finish.
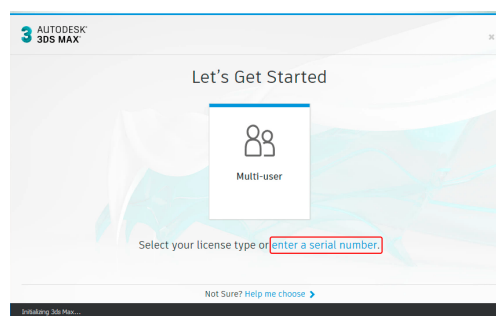

Figure 5

After installing the program, make sure that all installed components have green icons. If this is not the case, then the 3ds Max program is not installed on the computer system and does not work correctly or at all: (Fig. 6). Before proceeding, please disconnect the internet from the computer system and then click on the "Launch Now" button.
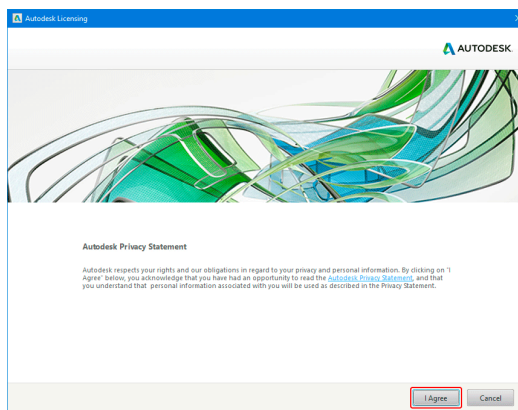

Figure 6

The program will start and the "Let's Get Started" panel will open: (Figure 7). Click "enter a serial number".
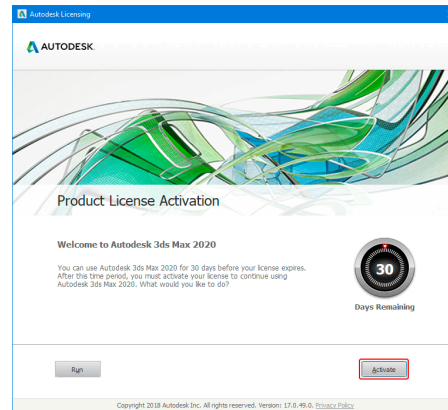

Figure 7

The Autodesk Licensing panel will open: (Figure 8). Click the "I Agree" button.

Figure 9   **Figure 10**

In the next panel, you will be asked to run the program in trial mode for 30 days, after which it will ask you for an activation code or activate it immediately: (Fig. 10). To activate the program now, click the "Activate" button.

A panel for entering the serial number and product key to activate 3ds Max will appear: (Figure 11).

Enter the serial number and product key in the appropriate fields as shown in the image above. All the necessary information about 3ds Max serial numbers and keys is contained in the "SN and Product Key.txt" file that you download with the program archive. There can be multiple serial numbers and the program key is unique and unique.

In this case, we use the following serial number and program key:
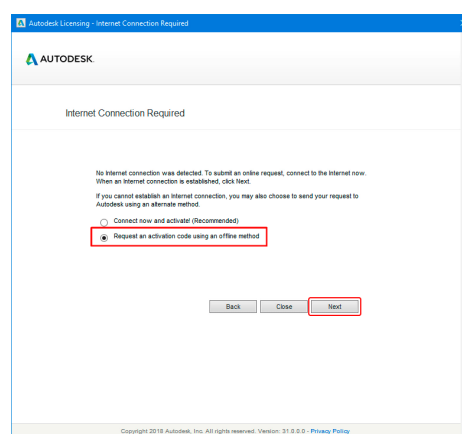
Serial number: 666-69696969

Program key: 128L1

After entering all the necessary information, click the "Next" button.
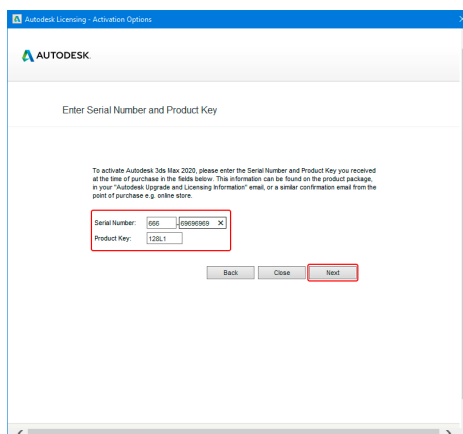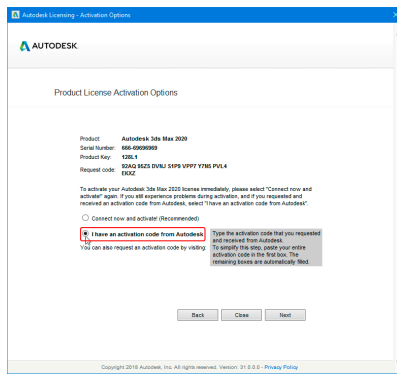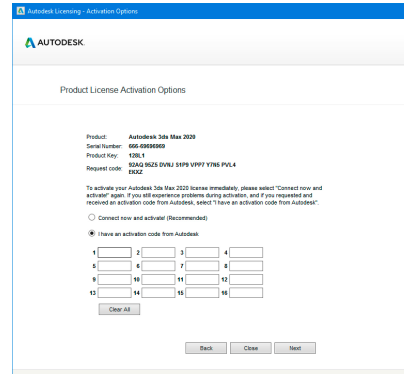

Figure 11   **Figure 12**

In the next "Internet Connection Required" panel, check the "Request an activation code using an offline method" box and click the "Next" button :(Figure12).

The "Product License Activation Options" panel will open: (Figure 13). Here, check the box next to "I have an activation code from Autodesk".
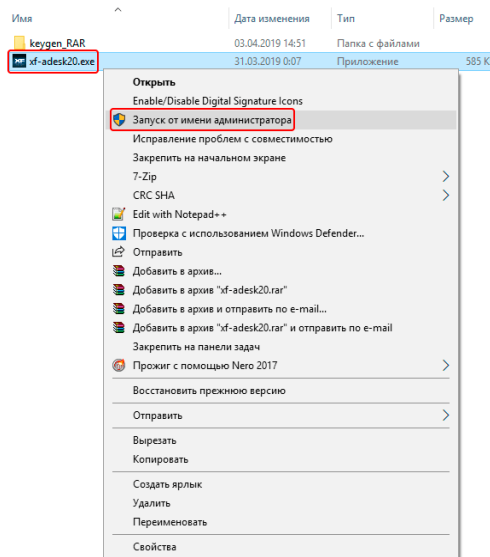
Figure 13   **Figure 14**

After that, a panel will appear for entering the activation code of the 3ds Max program: (Fig. 14). Here we enter the necessary code numbers.

Now we run the "Keygen" for 3ds Max software as an administrator. This is the "xf-adesk20.exe" file located in the "Keygen" folder: (Figure 15). Right-click on the icon and install it on behalf of the administrator.

Figure 15

In the next step, the "X-FORCE" panel for activation (licensing) of Autodesk products will appear: (Fig. 16). Click the "Patch" button.
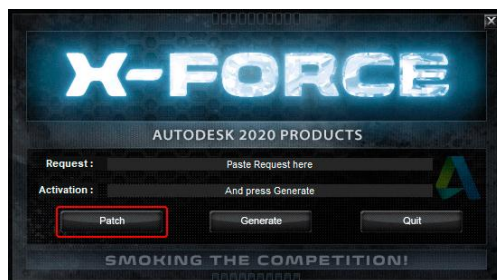
Figure 16   **Figure 17**

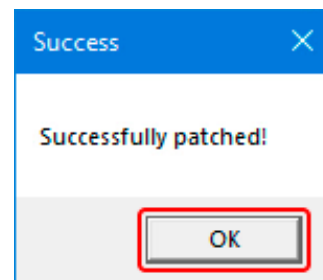For 3ds Max, an information panel will appear indicating that the "Patch" was successful: (Figure 17). Everything is going according to plan with "Successfully patched". If you see a different message, you probably have an error. Click OK and the information panel will close

Now uncheck the "Paste Request here" tab in the "Request:" field of the "X-FORCE" panel. He intervenes at the next stage. The "Request:" field must remain empty: (Figure 18).

Figure 18

Then, select Request code: in full and copy it (using the Ctrl + C command): (Figure 19).
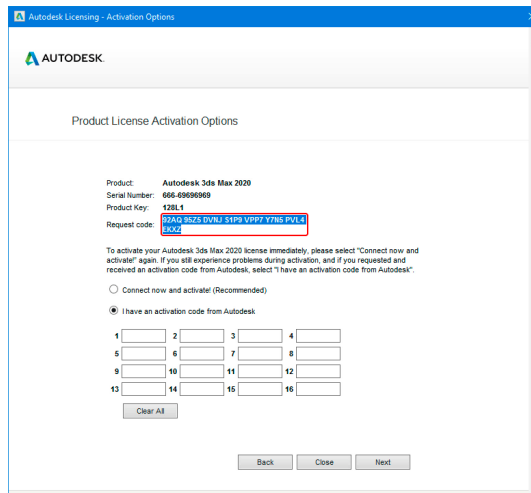
Figure 19

Paste the copied "Request code" in the "Request:" field of the "X-FORCE" panel (using the Ctrl + V command): (Figure 20).

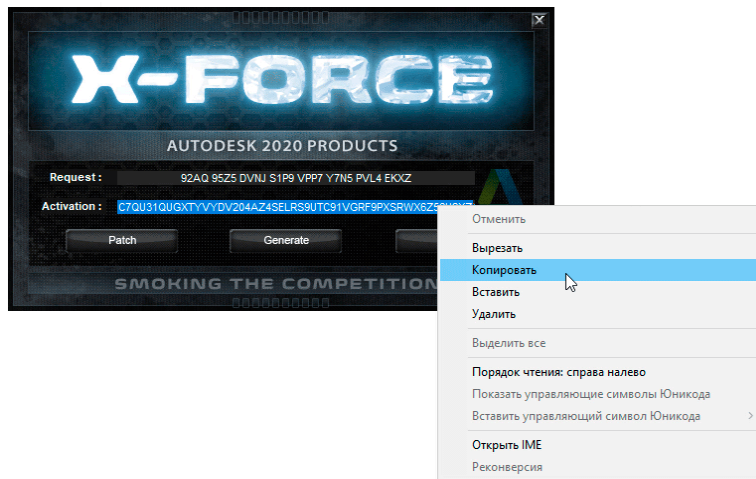**Figure 20**   **Figure 21**

Now uncheck the "And press Generate:" tab of the "X-FORCE" panel. The "Activation:" field should remain empty: (Figure 21).

Click the "Generate" button, after which you will see the 3ds Max activation code in the "Activation:" field: (Figure 22).
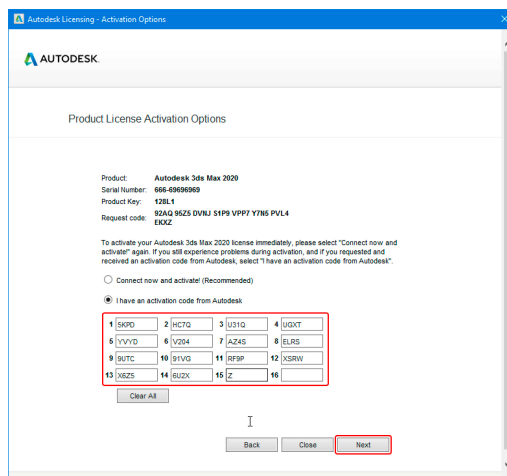
Figure 22

Extract and copy the "Activation:" code (the activation code does not go completely into the Activation window, be careful and copy it completely ticking all): (Figure 23).

Figure 23

And place it in the windows in the "Product License Activation Options" panel designed for entering the activation code: (Figure 24).

You do not need to enter the activation code piece by piece. Place the cursor on the first window and press the "Ctrl + V" key. The activation code is entered and all its digits are located as needed. Ignore the fact that the last window is empty and there is only one letter in the previous row. This is how it should be. Then click the "Next" button.

Figure 24
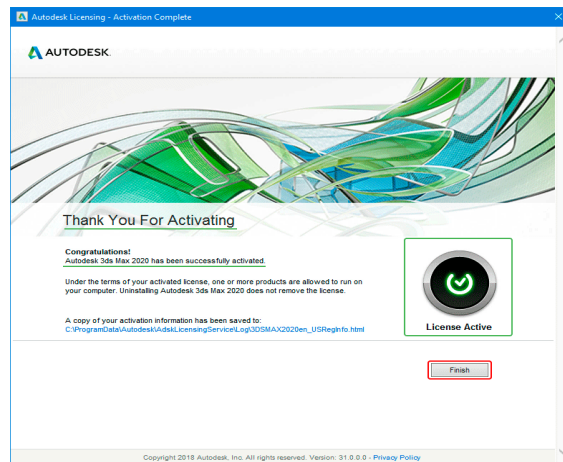
Figure 25

Finally, you should see a panel informing you of the successful connection of 3ds Max: (Figure 25). Now you need to press the "Finish" button and wait for the program to load.

The "Finish" button informed our windows operating system that the 3ds Max graphics program is fully installed and ready to work.

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