

# How to install and run Nginx Server on Windows 10

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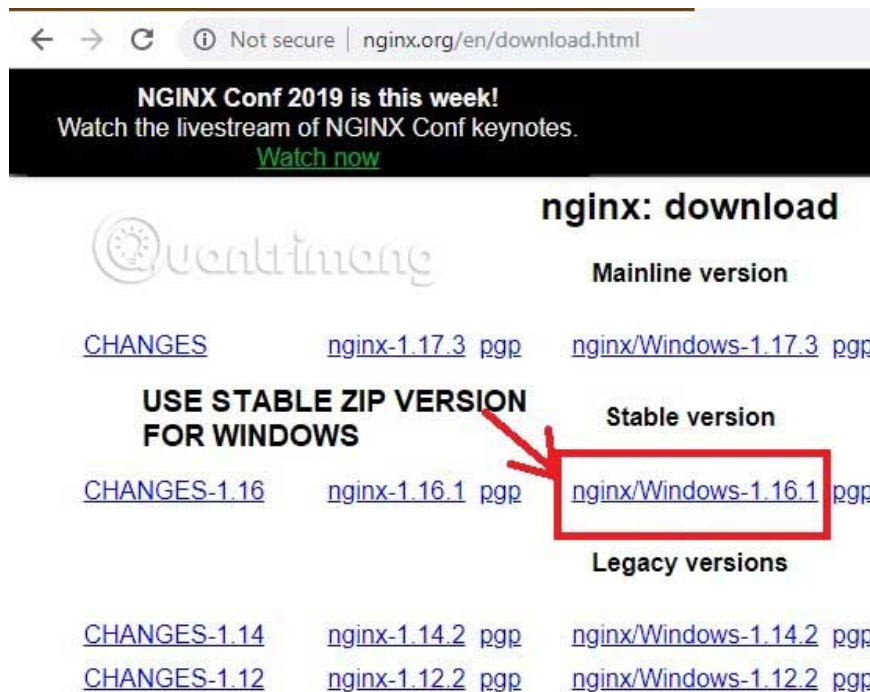
However, according to Nginx's own website, there are a few performance limitations that have not been fixed until now. They only include a successful, non-scalable web application, and possible UDP authentication issues.

Up to now, Nginx has mentioned that it will solve all problems in future releases for Windows. To successfully install and run Nginx on Windows 10, follow the steps below.

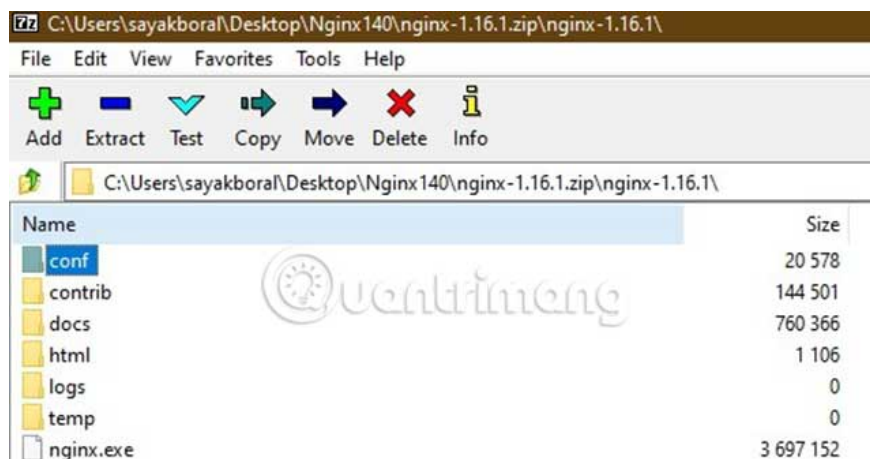
## Download Nginx server

There are many download versions of Nginx for Windows and Nginx recommends using the main version. However, you will not see any problems, if you download the most recent stable version for Windows.

Select the latest zip file and download it to a new folder.



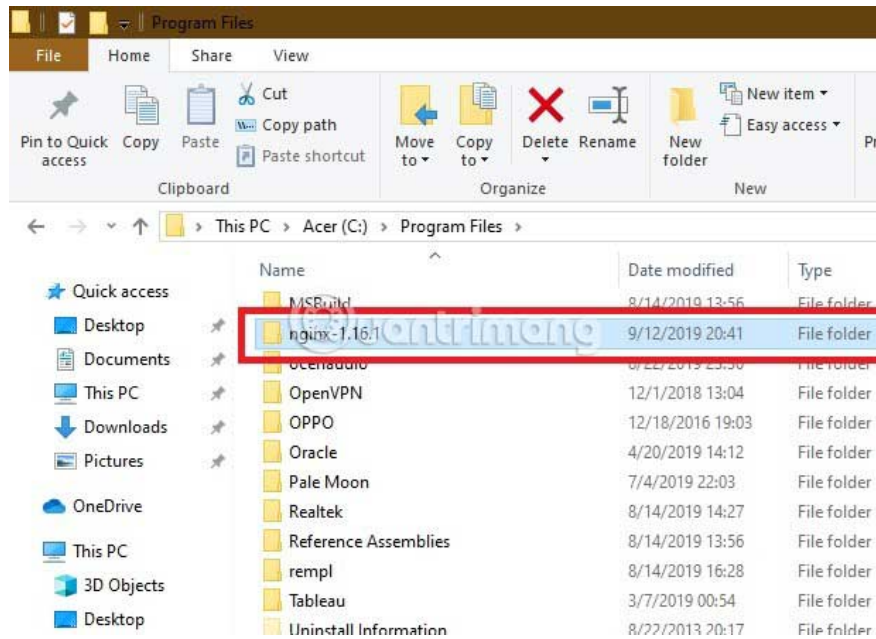
As a first step, you need to extract the new directory. You can use 7-zip, WinRAR or any other popular decompression software.



After extracting the file contents in the root directory, you must move the entire directory with the integrated download copy. The example will move the directory to '**Program Files**'.

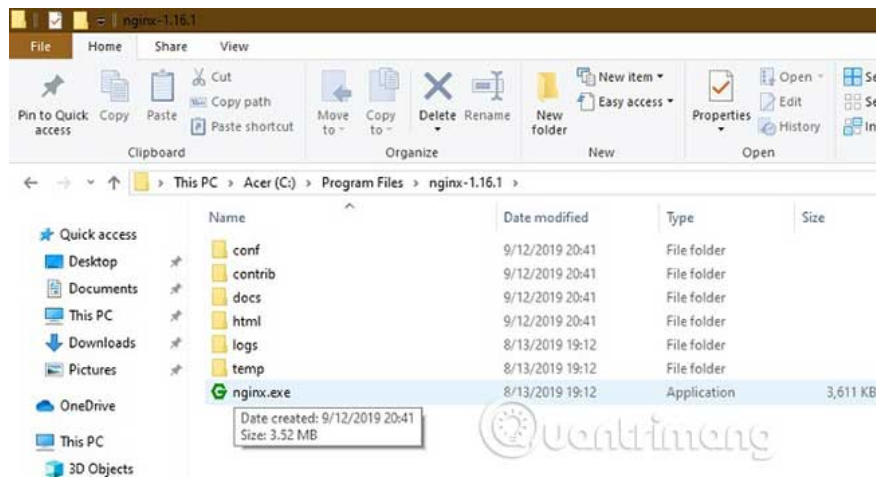


Paste the folder in the program files. The example will run Nginx from this location as a web service program.



## Install Nginx

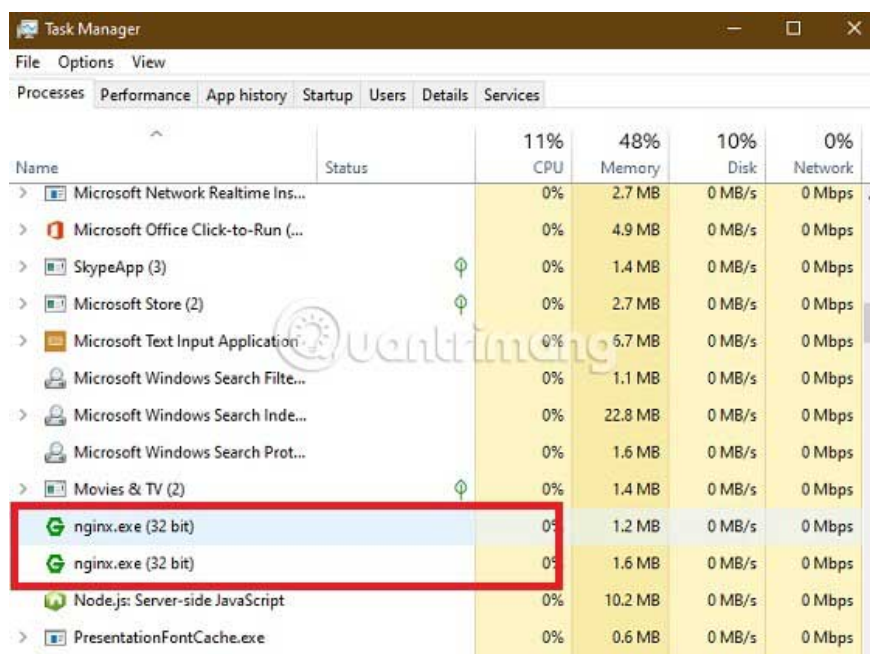
To install and run Nginx, select and double-click the **Nginx.exe** file . Now it has been activated for use.



In the next step, you need to verify that the installation was successful. To do this, you can access your default browser and enter '**localhost**'. If you see the following screen, indicating that Nginx web server has been successfully installed and working, there will be no problems during the installation of Windows 10.

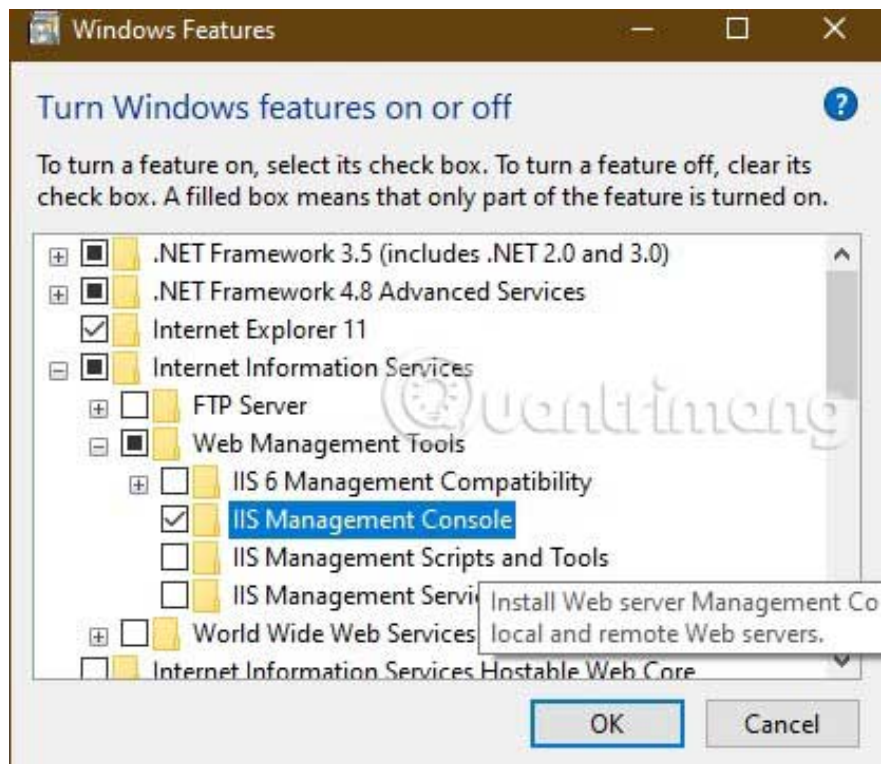


To stop Nginx, you can end it from the **Task Manager** window.

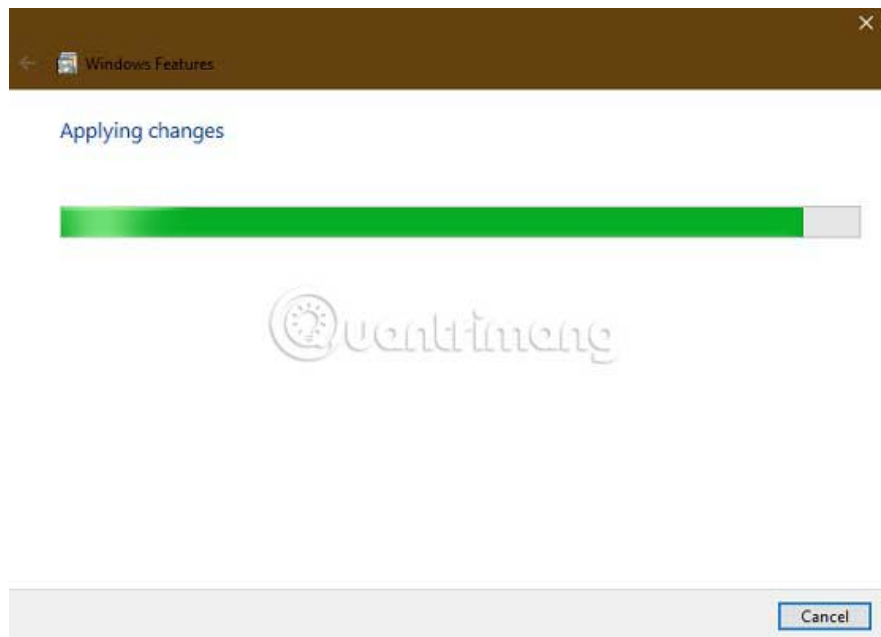


## Run Nginx on a Windows PC

To run Nginx, you must use **Internet Information Services (IIS)**, a Microsoft web server that provides the requested HTML pages or files. You can enable it from '**Turn Windows Features On or Off**' on the **Control Panel**. Check the required fields '**Web Management Tools**' and '**IIS Management Console**'.

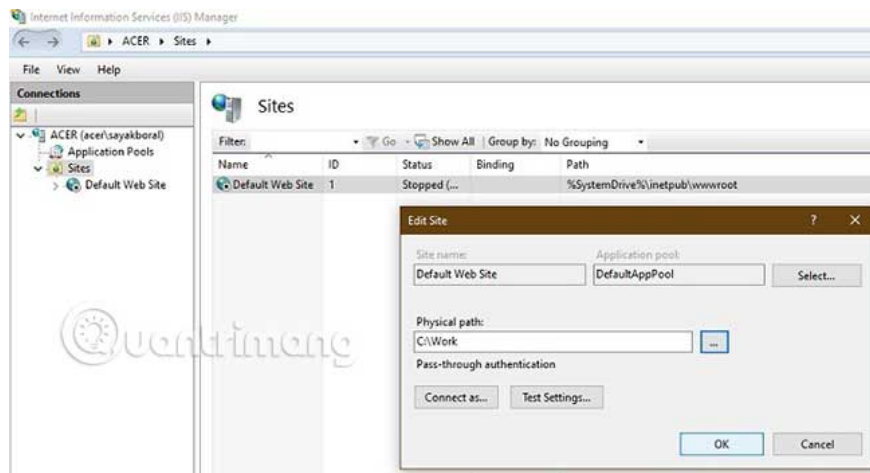


It will take a while for IIS to be enabled on the computer when the changes are applied.

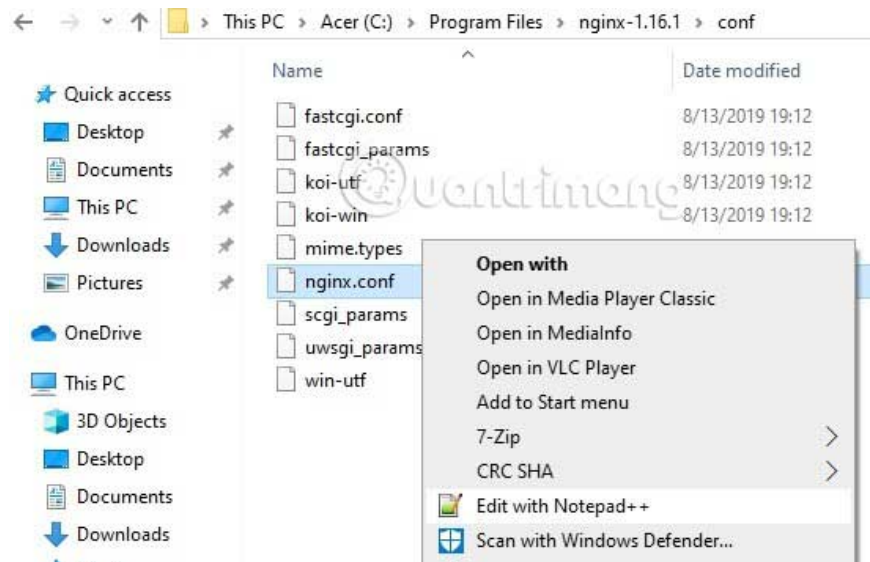


You can open **IIS Manager** directly from the **Start** menu . Here, you will be able to access the default website, usually located at '**inetpub wwwroot**'. This is also known as web application root.

Changing the root's physical path to a desired directory is useful. The example created a new folder named '**Work**' in **C:** and changed the physical path to **C: Work**.



Then go to the Nginx folder that you have renamed in **Program Files** . Click on **Conf** and select '**nginx.conf**'. This file can be edited with Notepad ++ text editor.



In Notepad ++, change the root to an edited physical path like the one discussed above.

```
*C:\Program Files\nginx-1.16.1\conf\nginx.conf - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
change.log x nginx.conf x
25 #access_log logs/access.log main;
26
27 sendfile on;
28 #tcp_nopush on;
29
30 #keepalive_timeout 0;
31 keepalive_timeout 65;
32
33 #gzip on;
34
35 server {
36     listen 80;
37     server_name localhost;
38
39     #charset koi8-r;
40
41     #access_log logs/host.access.log main;
42
43     location / {
44         root "C:\Work";
45         index index.html index.htm;
46     }
47
48     #error_page 404 /404.html;
49
```

You can edit the **index.html** file in the root directory on a separate tab. Change the text to what you want the web server to display on the screen.

```
change.log x nginx.conf x index.html x
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title></title>
5 </head>
6 <body>
7 <h1>This is Nginx testing video</h1>
8 </body>
9 </html>
10
```

Now, run the **Nginx.exe** program again and type '**localhost**' on the browser window. Nginx web server will highlight the edits you have made.



The Nginx resource website has a complete list of web server applications that you can use to run many different applications on your Windows PC. Reference at:

<https://www.nginx.com/resources/wiki/start/>

Nginx is one of the leading web server companies expected to eclipse Apache in the future. Nginx server is faster, can handle many concurrent problems and is very reliable. In short, if you have a simple website that wants to connect to Nginx, you can do it right now without any problems.

Have you tried installing and running Nginx on Windows systems? What problems do you encounter? Let everyone know in the comments below!

Hope you are succesful.

You finished reading the article "**How to install and run Nginx Server on Windows 10**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.