

# TOP 5 best free antivirus software in 2022, effective and convenient

What is a computer virus? Some basics about computer viruses and which antivirus software to download? Let's find out the TOP 5 best free antivirus software in 2022.

With the rapid development of computer systems and the internet. The bad guys also create more and more dangerous viruses. Fortunately, we always have good anti-virus software to protect us from the nuisance viruses bring. So let's find out what a computer virus is and let's take a look at the TOP 5 best free antivirus software in 2022 rated by Cnet.com .

Hopefully through this article you will no longer have to worry about your computer being attacked by malicious viruses. Let's follow up now!

## What are viruses? What if your computer is hacked?

Computer viruses are understood as harmful software to computers, capable of replicating itself and spreading to other computers. Viruses have many types, from worms, trojans, ransomware, ...

The consequences they leave behind are also many types, light will slow down your computer, heavy will lose all data, or there are even types that turn your laptop into a 'brick', have to take it to a repair shop. .

I will take an example. Remember the 2013 WannaCry incident? This is a ransomware (or ransomware) that has spread using the internet and LAN in many countries, including Vietnam.

After one computer is infected, the entire company's computer system will be infected, they will encrypt all data on the computer and will require a certain ransom. So users stand between two decisions: either pay, or format the entire hard drive and suffer data loss.



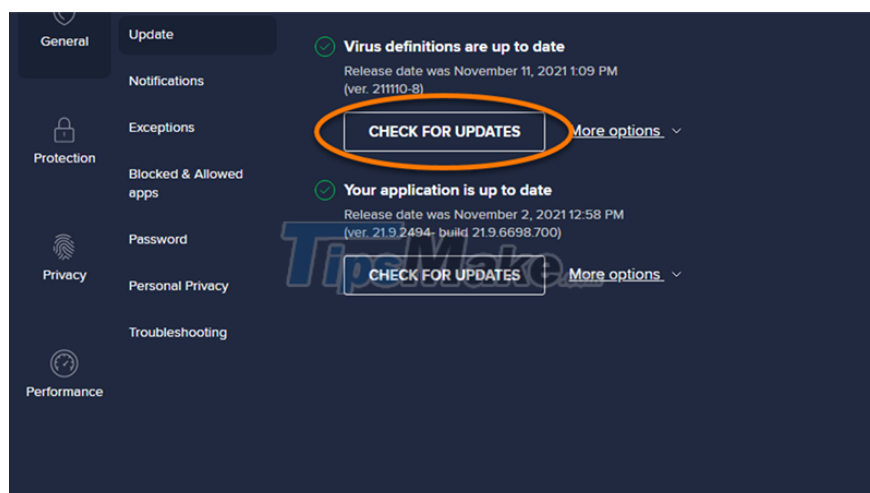
The way to spread is many, such as through USB sticks, memory cards, or the most dangerous is from email, or strange websites, strange links that you sometimes accidentally visit.

The consequences of computer viruses are really dangerous, but fortunately we still have ways to prevent them. That is to increase vigilance, be careful with all files, links, . from the Internet, or another equally effective way is to use anti-virus software, anti-virus software to protect your computer from viruses. Viruses are like a vaccine.

## Some basics about anti-virus software

The basic function of anti-virus software is to find and remove viruses before they can execute malicious code. Some antivirus software also offer different capabilities, depending on the version you choose to use.

Distinguishing between viruses and data files is done by comparing them with the anti-virus software's database. So you need to regularly update, otherwise the anti-virus software will not be able to detect them and as a result will 'explode' some important data files.

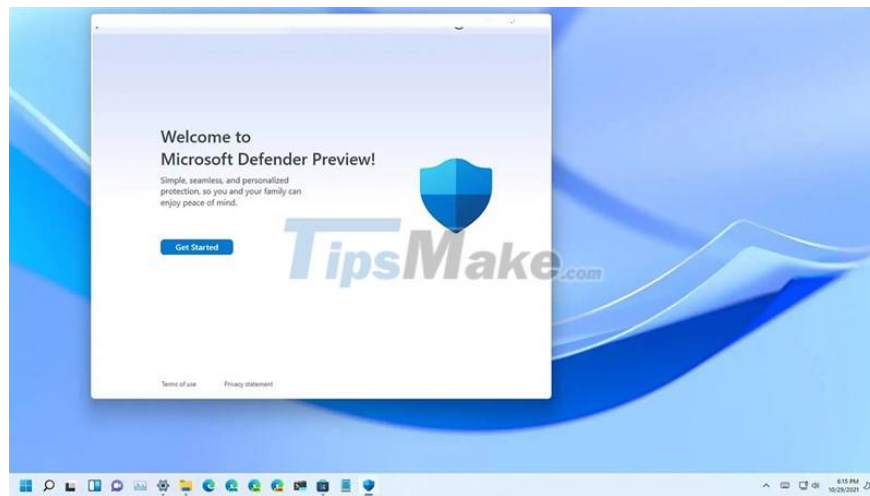


Modern anti-virus software can predict and isolate threats, preventing them from spreading to other computers. But don't forget to be subjective and forget to update.

Modern anti-virus software will prevent you from visiting those fake websites, from letting you 'get lost' on the internet, or prevent you from downloading a weird file with the .abcxyz extension. Thanks to that, you can rest assured to use the internet somewhat without having to worry about data loss.

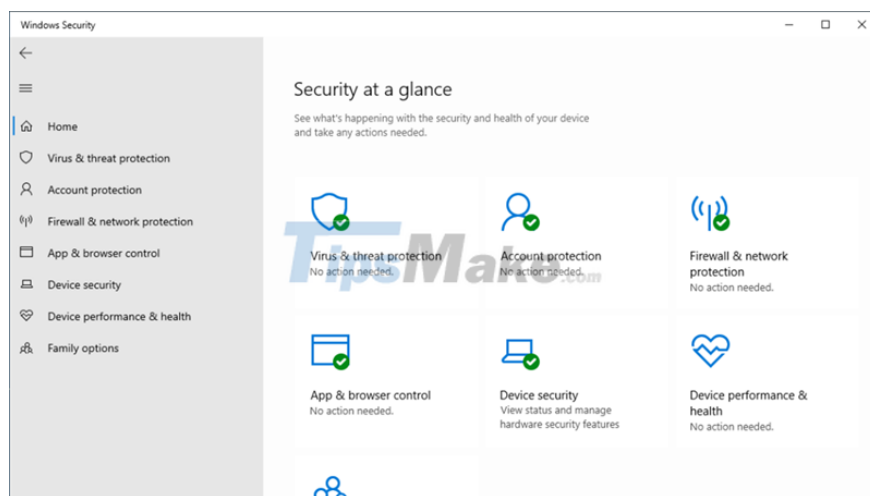
Your computer should have at least 1 anti-virus software, to avoid the risks that viruses bring. So let's learn about TOP 5 best free antivirus software in 2022!

## 1. Windows Defender



Opening the list with Windows Defender - a free antivirus software, as long as you use Windows 10 or 11, Windows Defender is already pre-installed inside.

The strength of Windows Defender compared to other antivirus software is that it is free and also comes with Windows. So about everything, from the user interface, effective virus protection, self-updating and no loss of computer performance.

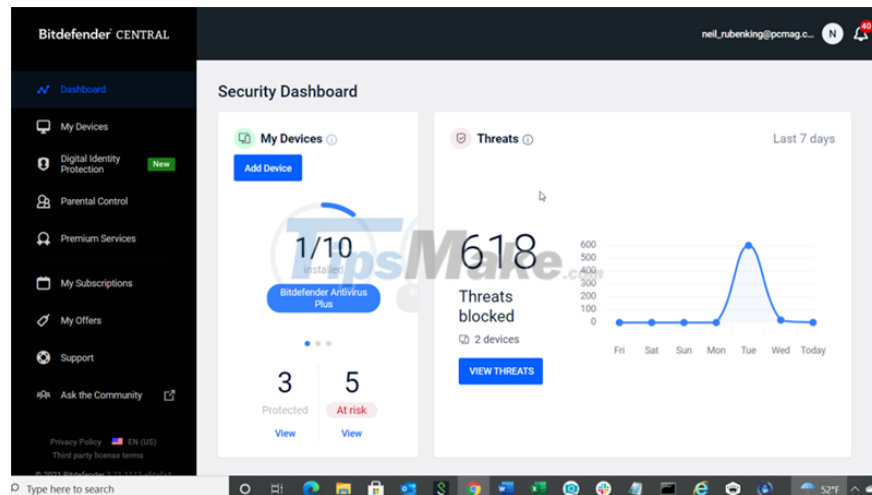


Thanks to a large number of users, Windows Defender is always updated with the latest virus models of all types. Make sure your computer is always safe.

In addition, Windows Defender can also detect suspicious files, immediately delete or isolate them silently, you don't need to do anything, just let Windows Defender take care of it.

## 2. Bitdefender Antivirus

BitDefender Antivirus is one of the best antivirus for Windows computers. This software can detect threats from programs installed on the computer but still optimize the speed and battery life of the laptop.



The advantage of Bitdefender Antivirus is its cross-platform compatibility, from iOS, Android, macOS or Windows to good use.

BitDefender Antivirus provides you with a free version of the Free Edition, which helps you to have basic functions such as antivirus, regularly updated. And if you want more peace of mind, there is always a paid version, providing more 'pro' features such as restricting bad websites, strange links, monitoring children, .

I leave the link to download the BitDefender Antivirus Free Edition antivirus here:

1. Bitdefender For Windows: [Download link](#).
2. Bitdefender For macOS: [Download link](#).

## 3. Avast Free Antivirus

Avast Free Antivirus is a long-standing anti-virus software that has been trusted by users for many years. Avast Free Antivirus has core antivirus protection and malware removal tools that exploit user information.



In addition, this software also has a network security scanner to help you surf safely, Behavior Shield monitors your apps to make sure they don't start acting strange like stealing data, slowing down your device, . . they are a potential sign that the app is infected with malware.

In addition to macOS and Windows, Avast Free Antivirus is also available on iOS and Android operating systems, providing comprehensive protection for all your devices. I put the download link below.

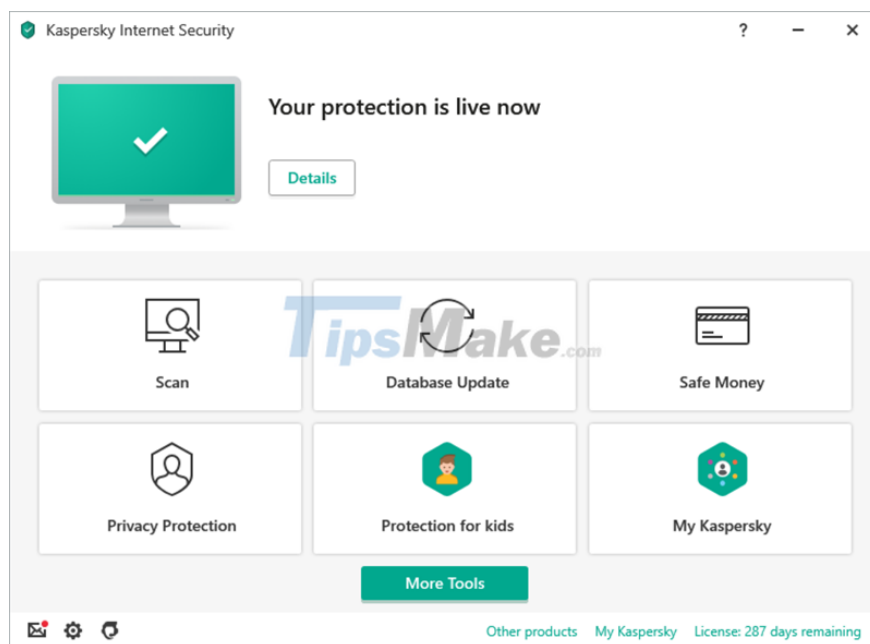
1. Avast For Windows: [Download link](#).
2. Avast For macOS: [Download link](#).

## 4. Kaspersky



Like Avast Free Antivirus, Kaspersky is also a longtime anti-virus software known for its anti-virus programs, spam, hackers,. This is considered the perfect choice for computer users.

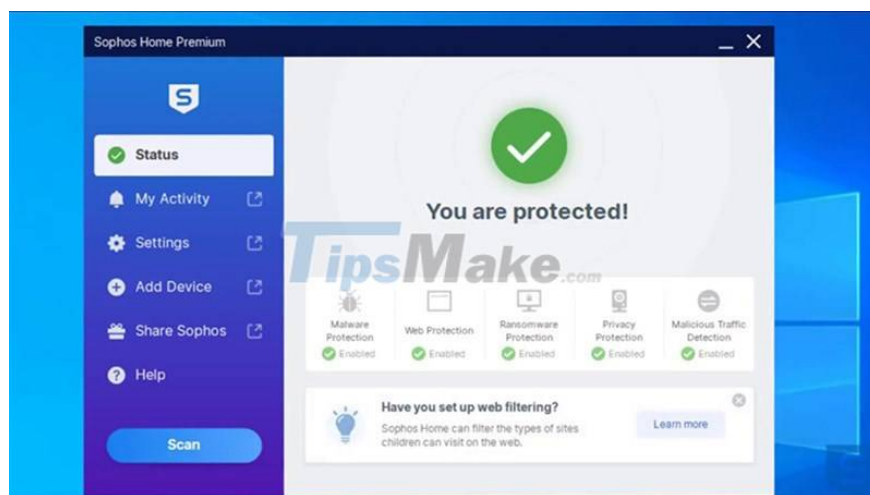
Kaspersky's free anti-virus software provides real-time anti-malware protection, is regularly updated with the advantage of being light, low on heat, suitable for student laptops, officer



If you have higher security needs, Kaspersky also has a version of Kaspersky Internet Security , which protects you for each website you visit or each file you download, child control, ad blocking,. The link to download the free version of Kaspersky is below

1. Kaspersky For Windows: [Download link](#).
2. Kaspersky For macOS: [Download link](#).

## 5. Sophos Home



Sophos Home anti-virus software, even though it is a free version, still has many advanced features like other paid software, in addition to antivirus, real-time protection,. Along with optimization capabilities and less affect the performance or battery life of the device.

Sophos also provides large-scale virus scanning, fast operation and is a suitable choice for enterprise environments where multiple computers are used in the same system. Help businesses deal with information leaks, theft of business secrets or incidents like WannaCry.

Here is the link to download the free antivirus software Sophos Home:

1. Sophos Home For Windows: [Download link](#).
2. Sophos Home For macOS: [Download link](#).

## summary

Above, I have summarized the TOP 5 best antivirus software in 2022. Most of those software have free versions, helping you to freely choose the best antivirus for you. What do you think is the best anti-virus software?

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