

# Top 7 best free antivirus software for Linux

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There is a misconception that Linux users do not need antivirus software. Yes, Linux performs better security than Windows. However, antivirus software is necessary for any computer to provide maximum protection for users. Although Windows antivirus programs are quite famous but fortunate for Linux users, there are many free antivirus programs. This article will give you the top 7 antivirus software for Linux.

1. 12 security tips for Linux

## 1. ClamAV antivirus software

ClamAV is a simple antivirus program that is easy to install and use for Linux, it is available in Ubuntu repository. There is no original graphical user interface (GUI), but there is a ClamTK graphical interface to download and in the software center.

Users can install ClamAV via the command line:

```
sudo apt-install clamav
```

Then just install ClamTK for the optional GUI. This comprehensive antivirus suite provides a command-line scanner, updated database and regularly updated virus identifier. ClamAV supports many types of documents, from PDF files to Office as well as archives such as RAR and Zip.



## Features and characteristics

1. Open source
2. Command line interface
3. Free
4. Graphical user interface available

## 2. Sophos antivirus software

Sophos antivirus software for Linux is a great free solution. Virus, Trojan, and malware scanners feature powerful heuristics-based detection features both on-demand and real-time scanning. Sophos also blocks and removes malware on Android, Windows and Mac.

1. Differentiate viruses, trojans, worms and rootkits



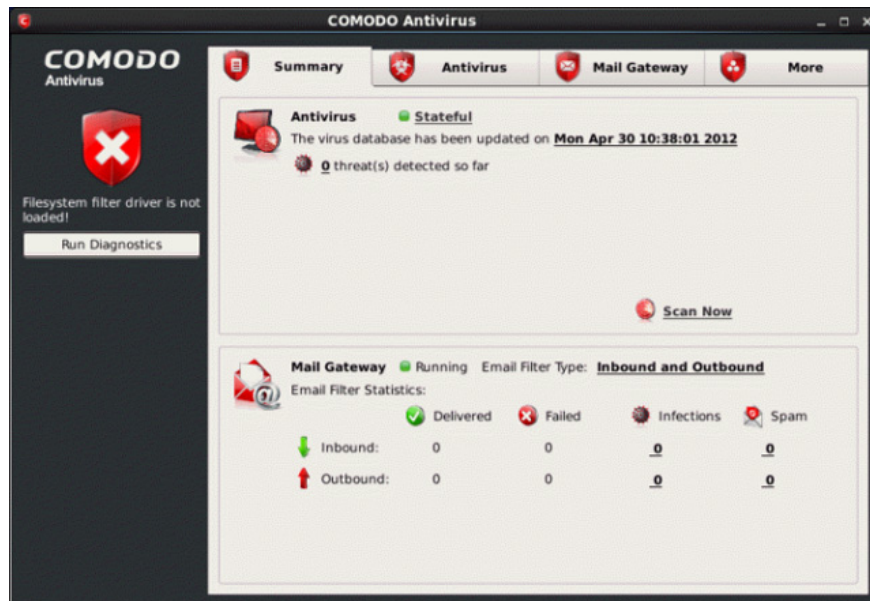
What makes Sophos one of the top options for virus removal is its performance. This lightweight, free antivirus application even has a relatively small update, accounting for only 50 KB.

## Features and characteristics

1. Light
2. Free
3. High performance
4. Compatibility with many wide platforms
5. Blocking and removing malware is not Linux

## 3. Comodo antivirus software

Comodo offers a great free antivirus program for Linux. Not surprisingly, Comodo creates great cross-platform tools, including a Windows firewall. It is available for 32-bit and 64-bit, which is great for both old and new systems. Comodo antivirus software for Linux (CAVL) is compatible with a variety of distributions such as Ubuntu, Mint, Debian, Fedora, CentOS, Red Hat Enterprise Linux Server, OpenSUSE and SUSE Linux Enterprise Server.



Along with antivirus features, CAVL comes with email filtering and real-time scanning on demand.

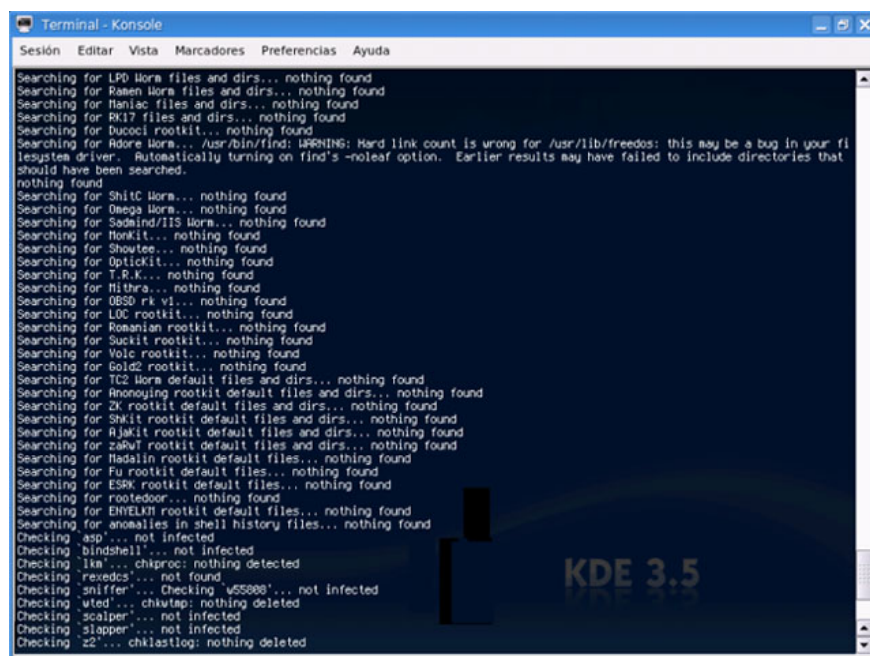
### Features and characteristics

1. Free
2. On-demand scanner
3. Real-time protection
4. Updated frequently

## 4. Chkrootkit antivirus software

As the name suggests, Chkrootkit scans rootkits. This free and open source program works through the command line interface. It is very light and usable from a Live CD . So if you have a rescue CD, you can run Chkrootkit from there.

1. These Anti-Rootkit tools should and should be in the system



The latest release features backdoor detection, botnet, malicious TinyNDS and malware scanning Linux.Xor.DDoS.

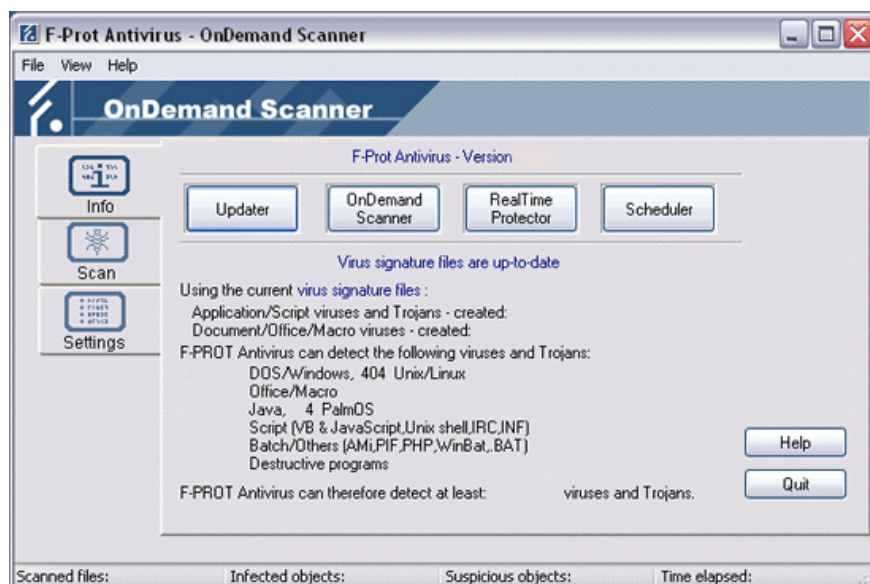
## Features and characteristics

1. Rootkit detection
2. Light
3. Can run from Live CD
4. Command line interface

## 5. F-PROT antivirus software

F-PROT provides support with home and business computers. For home users, F-PROT is completely free. Linux's antivirus program scans more than 21 million threats with on-demand scanners and scheduled scans. F-PROT can detect macro viruses, Trojans and even boot sector viruses.

1. How to protect Boot Sector virus in Windows



With a combination of excellent scanning functions, huge database, F-PROT is a perfect choice. The interface may not be appreciated as CAVL, but it is strong and lightweight.

### Features and characteristics

1. Free
2. Detected more than 21 million threats
3. Compatible with 32-bit and 64-bit environments

## 6. Rootkit Hunter antivirus software

Rootkit Hunter is a great choice to detect Linux rootkit. RKH uses command line, backdoor, and various exploits. This tool uses comparing SHA-1 hashes to detect dangerous items. It is available on Linux and FreeBSD. Since Rootkit Hunter was written in Bourne shell, it has become a portable application and is compatible with most UNIX-based systems.

1. The best Portable PC applications of all time (Part 1)

```
Terminal — bash — bash (tty1) — 96x50 — 981

Your system contains some unknown version numbers. Please run Rootkit Hunter
with the --update parameter or fill in the contact form (www.rootkit.nl)

Security advisories
* Check: Groups and Accounts
  Searching for /etc/passwd...           [ Found ]
  Checking users with UID '0' (root)...  [ OK ]

* Check: SSH
  Searching for sshd_config...
  Found /etc/ssh_config
  Checking for allowed root login... Watch out. Root login possible. Possible risk!
  info:
  Hint: See logfile for more information about this issue
  Checking for allowed protocols...      [ Warning (SSH v1 allowed) ]

* Check: Events and Logging
  Search for syslog configuration...     [ OK ]
  Checking for running syslog slave...   [ OK ]
  Checking for logging to remote system... [ OK (remote logging) ]
  info: install.* @127.0.0.1:32376

[Press -ENTER- to continue]

----- Scan results -----

MD5
MD5 compared: 0
Incorrect MD5 checksums: 0

File scan
Scanned files: 342
Possible infected files: 0

Application scan
Vulnerable applications: 0

Scanning took 129 seconds

-----

Do you have some problems, undetected rootkits, false positives, ideas
or suggestions?
Please e-mail me by filling in the contact form (@http://www.rootkit.nl)

-----
```

## Features and characteristics

1. Command line interface
2. Rootkit detection
3. Portable application
4. Light

## 7. BitDefender antivirus software

Antimalware Scan - step 3 of 3	
Perform Scan	Resolve Issues
<b>Results Summary</b>	
<b>Total Scanned Files</b>	320
<b>Infected Items</b>	0
<b>Suspected Items</b>	0

BitDefender is one of the great antivirus programs for Linux. BitDefender offers a free trial version and you can request a free version. Although it is no longer supported, users can still download it. The releases include for

Samba (Solaris, Linux and FreeBSD), as well as Unices (Linux and FreeBSD).

<a href="#">BitDefender-Antivirus-Scanner-7.6-4.linux-gcc4x.amd64.deb.run.md5</a>	09-Mar-2009
<a href="#">BitDefender-Antivirus-Scanner-7.6-4.linux-gcc4x.amd64.ipk.run</a>	09-Mar-2009
<a href="#">BitDefender-Antivirus-Scanner-7.6-4.linux-gcc4x.amd64.ipk.run.md5</a>	09-Mar-2009
<a href="#">BitDefender-Antivirus-Scanner-7.6-4.linux-gcc4x.amd64.rpm.run</a>	09-Mar-2009
<a href="#">BitDefender-Antivirus-Scanner-7.6-4.linux-gcc4x.amd64.rpm.run.md5</a>	09-Mar-2009
<a href="#">BitDefender-Antivirus-Scanner-7.6-4.linux-gcc4x.i586.deb.run</a>	09-Mar-2009

## Features and characteristics

1. Free
2. Installer for Samba and Unices
3. No longer supported

If you're willing to spend a bit of money, there are some great antivirus software available. Notably, ESET, F-Secure, Dr. Web, Avast and Panda both offer versions for Linux.

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