

Comparison with avast! Internet Security 7



| PRODUCT NAME | | avast! Internet Security 7 | Norton Internet Security 2012 | McAfee Internet Security 2012 | Kaspersky Internet Security 2012 | Eset Smart Security 5 |
|---|--|----------------------------|-------------------------------|-------------------------------|----------------------------------|-----------------------|
| Number of languages available | | 39 | 27 | 27 | 27 | 31 |
| Size of installation package | | 96 MB | 132 MB | 127 MB | 98,9 MB | 47,7 MB |
| Size after installation | | 389 MB | 271 MB | 373 MB | 554 MB | 245 MB |
| VB 100 review of AV programs, Apr 2011 | | | | | | |
| Detection | | 98.94% * | 97.85% | 94.95% | 97.06% | 96.86% |
| Scanning speed [MB/s] | | 21 | 12 | 28 | 12 | 16 |
| Number of False Positives | | 0 | 0 | 5 | 0 | 3 |
| GENERAL FEATURES ** | | | | | | |
| Antivirus and anti-spyware engine | Signature/Heuristic based | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Behavioral-based | ✓ | ✓ | ✓ | ✓ | ✓ |
| Real-time anti-rootkit protection | On-demand detection | ✓ | ✓ | ✓ | ✓ | ✓ |
| Silent Firewall | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Antispam filter | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Streaming, real-time virus database updates *** | | ✓ | ✓ | ✗ | ✗ | ✗ |
| File reputation detection | | ✓ | ✓ | ✗ | ✓ | ✗ |
| ADVANCED SECURITY | | | | | | |
| Browsing security | Protection from accessing infected sites | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Warning on search results | ✓ | ✓ | ✓ | ✗ | ✗ |
| Virtualization - Running possible infections in an isolated virtual environment | | ✓ | ✗ | ✗ | ✓ | ✗ |
| Anti-phishing | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Boot-time scanner | | ✓ | ✗ | ✗ | ✗ | ✗ |
| SafeZone (reverse Sandbox) | | ✓ | ✗ | ✗ | ✗ | ✗ |
| Remote Assistance | | ✓ | ✗ | ✗ | ✗ | ✗ |
| Free phone support | | ✓ | ✓ | ✗ | ✓ | ✓ |

Note:

* Testing performed on avast! Free Antivirus 6.0, which did not have the improved and added features now offered in the avast! 7.0 series.

** Data sourced from vendor's website.

*** Instead of our clients having to 'pull' in the updates from the servers, as in the competitor's pulse updates system, avast! 'pushes' updates directly to the client's PCs.

avast! achieves the best combination of providing reliable protection, with few false positives, and fast speed – for low impact on system performance. (As documented by independent test results performed by Virus Bulletin VB 100.)

new! STREAMING, REAL-TIME VIRUS DATABASE UPDATES

With avast! Streaming Updates, you will get each virus signature sent to you in real-time via a connection to the avast! VirusLab cloud, rather than needing to wait for traditional database updates a few times per day. Every day, the avast! VirusLab reviews 50,000 suspicious files and adds signatures for over 30,000 new viruses. With continuous updates and faster delivery of virus definitions, your security will be even greater.

new! avast! FileRep - THE FILE REPUTATION SYSTEM

Identifying infected files or malware during scanning is a complex process. With the increasing virality of new malware and the spread of polymorphic viruses, knowing which files are safe is a great advantage. This is what avast! FileRep does. It is a huge database with several million executable file names stored in the cloud, built with the help of our community of more than 150 million active users. It enables us to evaluate each file based on its prevalence and emergence, which helps us determine whether it is clean or not.

avast! Silent Firewall

The first line of defense in protecting computer hardware and private information. The Silent Firewall restricts network access to a user's computer according to three basic trust levels – with preset lists of acceptable sources and destination ports – while allowing more customized settings for advanced users.

avast! - best combination of reliable protection and fast scanning speeds for lowest impact on system performance

Detection

The most important task of any antivirus is to protect you from malware. avast! does an excellent job with high detection scores in a number of leading tests. Of course, detecting malware is just the starting point for a great antivirus program. That's why avast! does much more than simply achieving a top detection ranking in Virus Bulletin's test of AV Programs.

Speed

avast! achieves one of the highest scanning speeds among all tested competing brands - second only to McAfee Virus Scan Enterprise (VB100 April 2011). But speed often takes a toll. You could make scans even faster by sucking all the resources from the computer, but most likely that is not what the user wants. So the right balance must be found.

Resources

During a full scan, avast! decreases the resource usage by just 1.1% - as close to zero as it gets and by far the best result in the antivirus industry.

new! Streaming, real-time virus database updates

avast! Streaming Updates

As well as providing the standard 2-3 updates per day, avast! antivirus provides streaming updates in which new virus definitions are pushed to users through their permanent connection. The user does not have to schedule the updates, e.g., for every 5 minutes. As soon as an update is ready, it will be delivered. Moreover, updates are incremental - i.e., even if an update is missed, the new definitions will still be delivered in the next one. During the version 7 launch, avast! began to deliver 24 updates per day (increasing the volume through-put during the ramp-up period).

Symantec Pulse Updates

Symantec updates are delivered, based on a scheduled client request, to the update servers. If a new update is not available, the request from the client is ignored. As Symantec-pushed updates are not incremental, that means if an update is missed due to going off-line, the virus definitions are not delivered in the subsequent update.

Kaspersky

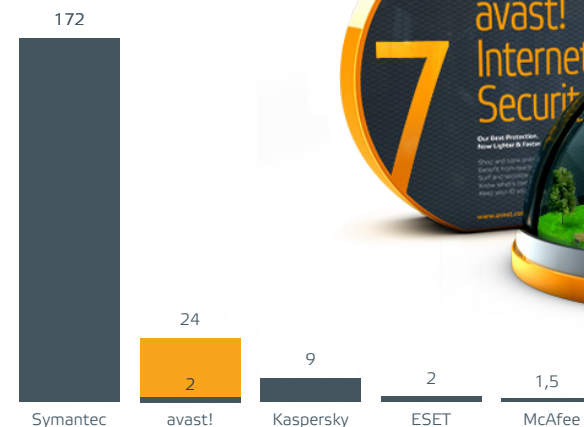
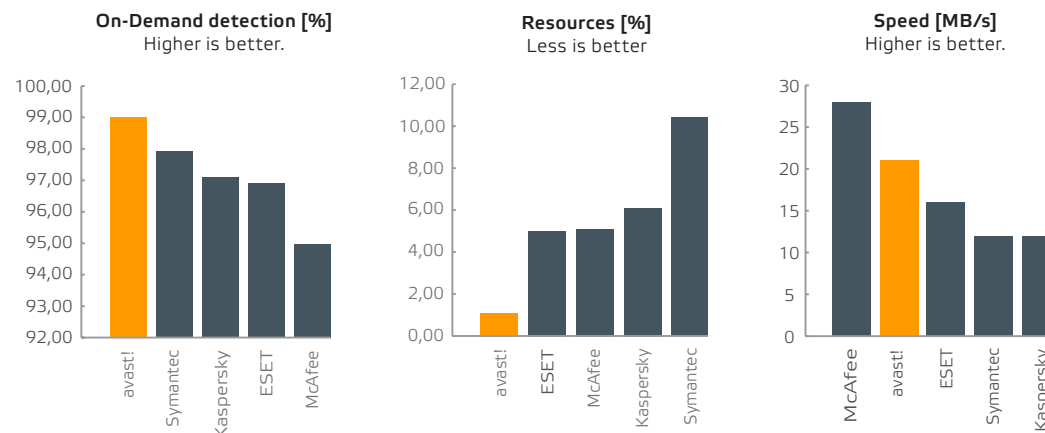
Standard updates only.

ESET

Standard updates only.

McAfee

Standard updates only.



The chart shows the average daily updates between avast! and major competing companies. The avast! column presents the advantage in combining regular updates (2) with streaming updates.

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| PRODUCT NAME /FEATURE | avast! Internet Security | Norton Internet Security | McAfee Internet Security | Kaspersky internet Security | Eset Smart Security |
|---|--------------------------|--------------------------|--------------------------|-----------------------------|---------------------|
| Antivirus Signature-/Heuristic-based | Green | Green | Green | Green | Green |
| Antivirus Behaviour-based | Green | Green | Green | Green | Green |
| Anti-rootkit (on-demand detection) | Green | Green | Green | Green | Green |
| Silent Firewall | Green | Green | Green | Green | Green |
| Antispam filter | Green | Green | Green | Green | Green |
| Streaming, real-time virus database updates | Green | Green | Red | Red | Red |
| File reputation detection | Green | Green | Red | Green | Red |
| Protection from accessing infected sites | Green | Green | Green | Green | Green |
| Warning on search results | Green | Green | Green | Red | Red |
| Anti-phishing | Green | Green | Green | Green | Green |
| Virtualization | Green | Red | Red | Red | Red |
| Boot-time scanner | Green | Red | Red | Red | Red |
| SafeZone (reverse Sandbox) | Green | Red | Red | Red | Red |
| Remote Assistance | Green | Red | Red | Red | Red |
| Free phone support | Green | Green | Red | Green | Green |