

# Comparison with avast! Pro Antivirus 7



PRODUCT NAME		avast! Pro Antivirus 7	Norton AntiVirus 2012	McAfee AntiVirus Plus 2012	Kaspersky Anti-Virus 2012	Eset NOD32 Antivirus
Number of languages available		39	27	27	27	31
Size of installation package		92 MB	126 MB	141 MB	98.9 MB	47.7 MB
Size after installation		350 MB	250 MB	345 MB	544 MB	224 MB
<b>VB 100 review of AV programs, Apr 2011</b>						
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
Resources		1,1%	10,4%	5,1%	6,1%	5%
<b>GENERAL FEATURES **</b>						
Antivirus and anti-spyware engine	Signature/Heuristic based	✓	✓	✓	✓	✓
	Behavioral-based	✓	✓	✓	✓	✓
Real-time anti-rootkit protection	On-demand detection	✓	✓	✓	✓	✓
<b>new!</b> Streaming, real-time virus database updates ***		✓	✓	✗	✗	✗
<b>new!</b> File-reputation detection		✓	✓	✗	✓	✗
<b>ADVANCED SECURITY</b>						
Browsing security	Protection from accessing infected sites	✓	✓	✓	✓	✓
	Warning on search results	✓	✓	✓	✗	✗
Virtualization - Running possible infections in an isolated virtual environment		✓	✗	✗	✓	✗
Boot-time scanner		✓	✗	✗	✗	✗
SafeZone (reverse Sandbox)		✓	✗	✗	✗	✗
Anti-phishing		✓	✗	✓	✗	✓
Wake-up scan scheduling		✓	✓	✓	✓	✓
<b>new!</b> Remote Assistance		✓	✗	✗	✗	✗

**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 vendors' websites

\*\*\* 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.

We at AVAST Software believe that even free antivirus security should give the best possible protection to its users. To endorse this vision, we only submit avast! Free Antivirus for comparative tests.

avast! achieves the best combination of providing reliable protection, with no 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.

**new! ANTI-PHISHING**

Phishing, a deceptive attempt to acquire sensitive personal data by masquerading as a legitimate communication, is a widespread form of attack. avast! anti-phishing technology is cloud-based and prevents users from clicking links leading to known phishing sites as well as those with suspicious phishing characteristics.

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

## Detection

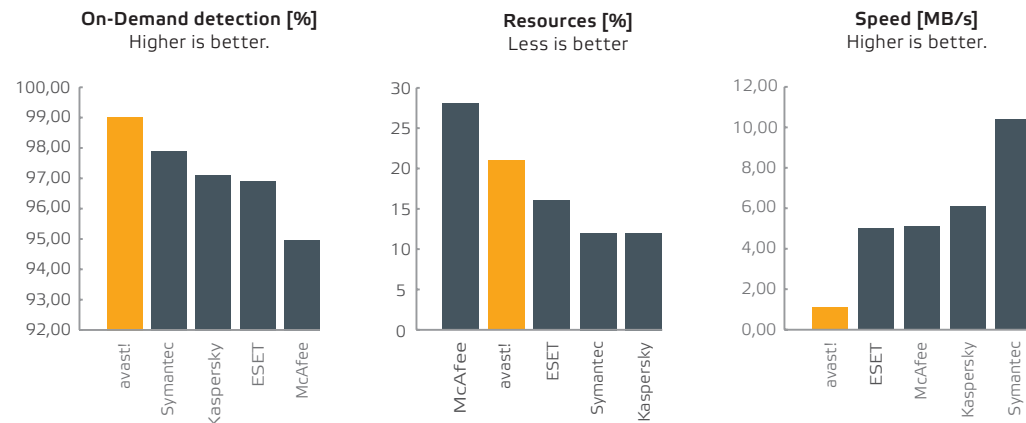
The most important task of any antivirus is to protect you from malware. avast! does an excellent job with high detection scores in a number of leading tests. Of course, detecting malware is just the starting point for a great antivirus program. That's why avast! does much more than simply achieving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

### Compare with 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 number of daily updates of avast! and major competing companies. The avast! column shows the advantage of combining regular updates (2) with streaming updates.