



Firewall



Boot Protection



Stability Under Fire



Antivirus



Performance

Independent Test Results

Don't just take our word for it.
See what others have to say.



ZoneAlarm products have been evaluated and tested by number of independent organizations as well as by our competitors. Review the results of technical independent tests to see how well we protect you.



Firewall

Personal Firewall must be able to protect you from inbound threats like hackers, and from outbound attacks like trojans trying to transmit your data out. View 20 different test results from [Firewall Leak Tester](#).

[View Test Results](#)



Boot Protection

Some attacks target your PC at the vulnerable moment of start-up when many security defenses are not yet active. View "boot" test results from [KoreLogic](#).

[View Test Results](#)



Stability Under Fire

Your security must be able to withstand an onslaught of attacks so it can continue to provide protection afterward. View test results from [KoreLogic](#).

[View Test Results](#)



Antivirus

Thousands of new viruses are being created every week to attack your PC. View Antivirus effectiveness test results from [Virus Bulletin](#) and [AV-Comparatives](#).

[View Test Results](#)



Performance

Summary of a PassMark study commissioned by Symantic Corporation, plus installation speed tests and download sizes.

[View Test Results](#)



Stops Attacks Others Don't

See how ZoneAlarm protects you from the most notorious threats



ZoneAlarm Awards

from a variety of publications that conduct their own tests, evaluations and reviews.



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Antivirus



Performance



Firewall Independent Test Results

[Back Home](#)

Personal Firewall must be able to protect you from the inbound threats like hackers, and from the outbound attacks like Trojans trying to transmit your personal data out. These 20 different tests were performed using independent, publically available freeware, Firewall Leak Tester.

AV-Comparatives is an independent organization that tests how well different antivirus engines detect viruses and other aspects of the scan. For comparison purposes, look for test results of Kaspersky, which has the same scanning engine that ZoneAlarm introduced in version 7.0

Note: These tests do not take into account how well an antivirus solution prevents your PC from being infected by a PC in the first place (see "Feature Comparison" below).



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■ Firewall tests using independent tools

Tests	ZoneAlarm	Norton®	McAfee®	Microsoft®
TooLeaky	✓	✓		
Firehole	✓		✓	
LeakTest	✓	✓	✓	✓
DNSTester	✓			
Ghost	✓			
Surfer	✓			
Yalta	✓	✓	✓	✓
Outbound	✓	✓		
Copypcat	✓			
Thermite	✓		✓	
PCAudit	✓	✓	✓	✓
PCAudit2	✓	✓		
Wallbreaker	✓	✓		
MBTest	✓		✓	✓
AWFT	✓			
Breakout	✓			
Breakout2	✓			
CPIL	✓			
Jumper	✓		✓	
PCFlank	✓	✓		

Note: These tests were run using independent, publicly available freeware. The following product versions were used: ZoneAlarm® Internet Security Suite 7.0 beta1, Norton Internet Security Suite v7.1, McAfee Internet Security v9 Trial, MS Windows Live OneCare v1.1.1067.8 with Windows Defender. Believed accurate based on research performed the week of October 26, 2006, this list of leak tests is not exhaustive. Tests were conducted using Windows XP SP2 and all MS Updates. The ZoneAlarm® Program Control was set to Maximum, the setting that most users are in either by default or after a short learning period.

Leak tests required an Auto Detect OFF setting on all products. Some security software prevents several of the common leak tests used to evaluate firewall security from being run in the first place, treating these leak tests as malicious software. Setting Auto-Detect to OFF for all tested products delivered what we consider a more accurate representation. It did affect results of some leak tests. For example, turning Auto-Protect off effected the testing of these threats for Norton: firehole, copypcat, thermite, breakout, and breakout2.



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Boot Protection Independent Test Results

[Back Home](#)

Some malicious attacks target the moment when a PC first starts when many security defenses are not yet active. It is important to have protection during this vulnerable time.

Check Point Software contracted with KoreLogic, an independent security consulting firm, to create a complete malware life cycle test environment. The environment was deployed to assess the effectiveness of ZoneAlarm Internet Security Suite versus key competitors in detecting, mitigating and blocking the effects of malware on XP. Competing products tested were Trend Micro Internet Security 2007, Norton Internet Security 2007, McAfee Total Protection 2007, and Microsoft Windows Live OneCare. The testing program ran from March through May, 2007.

These tests confirmed the results of other independent tests in terms of its effectiveness in stopping viruses, spyware, firewall attacks and other threats. It also highlighted the importance and differences of security during the initial start-up or "boot" of the PC.



Stops Attacks Others Don't

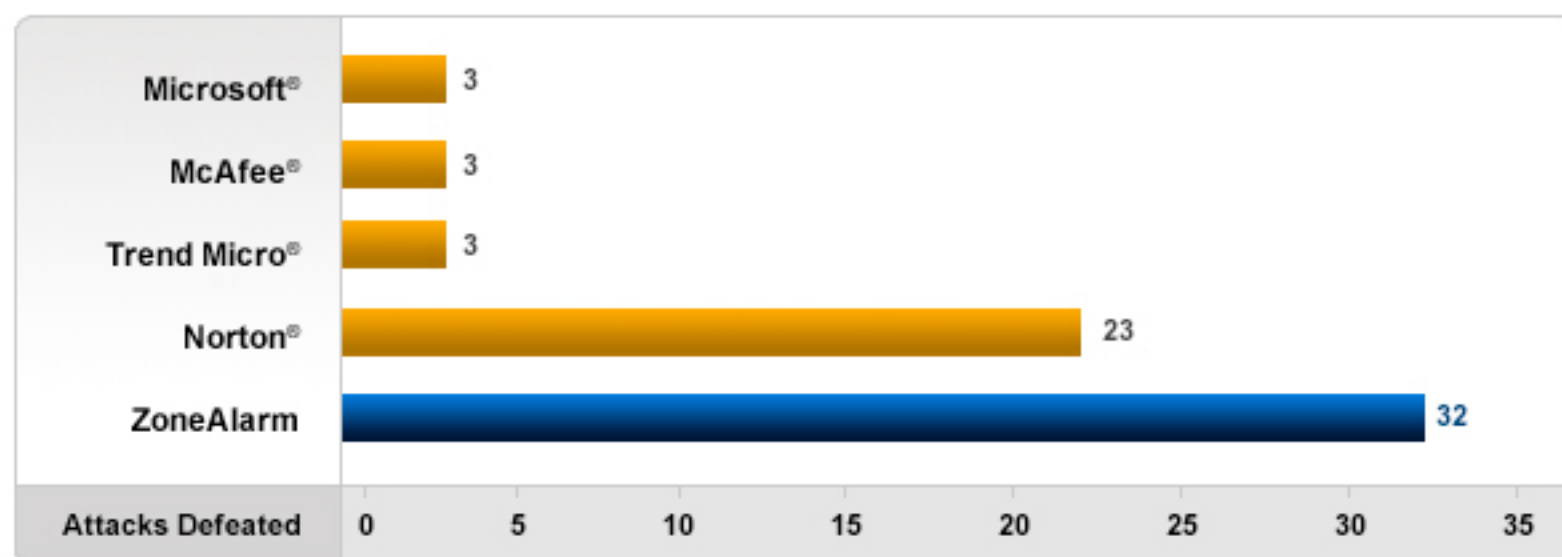
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ZoneAlarm Awards

from a variety of publications that conduct their own tests, evaluations and reviews.

- **ZoneAlarm significantly outperformed all competitors in stopping attacks during the PC start-up or boot.**





Firewall



Boot Protection



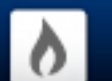
Stability Under Fire



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Stability Under Fire Independent Test Results

[Back Home](#)

Security products must be able to withstand an aggressive onslaught of attacks and still maintain stability to continue offering full protection.

Check Point Software contracted with KoreLogic, an independent security consulting firm, to create a complete malware life cycle test environment. The environment was deployed to assess the effectiveness of ZoneAlarm Internet Security Suite versus key competitors in detecting, mitigating and blocking the effects of malware on XP. Competing products tested were Trend Micro Internet Security 2007, Norton Internet Security 2007, McAfee Total Protection 2007, and Microsoft Windows Live OneCare. The testing program ran from March through May, 2007.

These tests confirmed the results of other independent tests in terms of its effectiveness in stopping viruses, spyware, firewall attacks and other threats. The test methodology also measured product stability and robustness, the ability of a product to provide a consistent level of protection across multiple attack vectors and deployment conditions.



Stops Attacks Others Don't

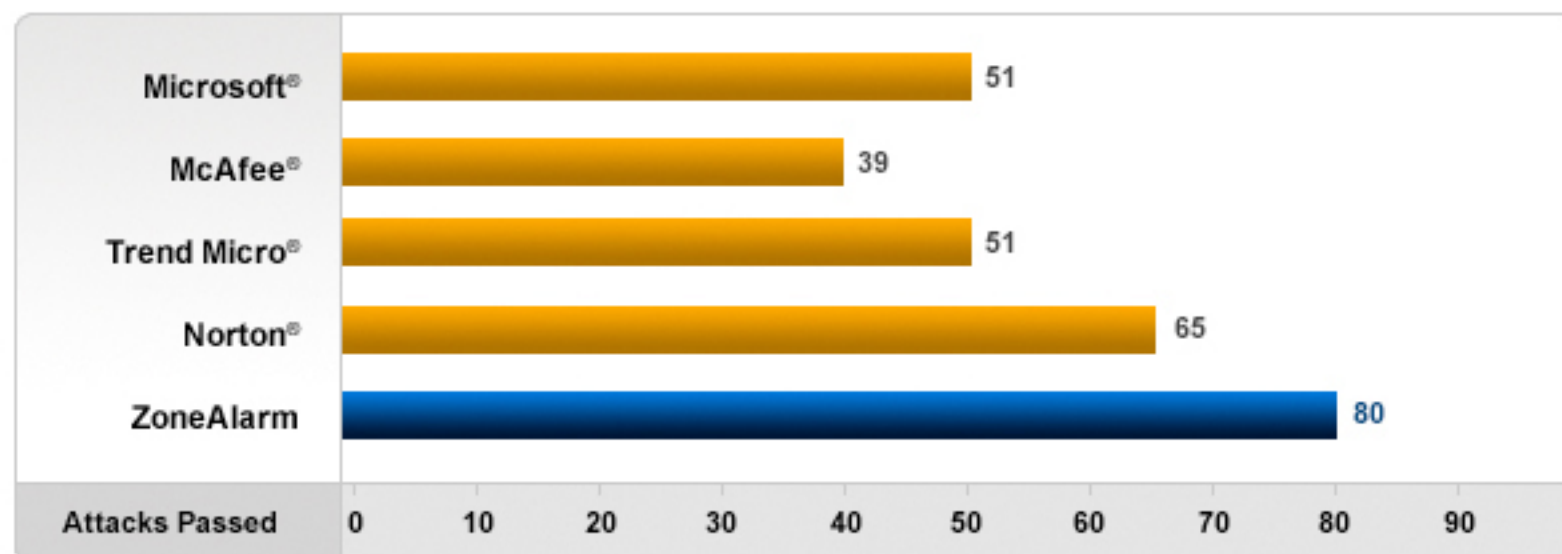
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ZoneAlarm Awards

from a variety of publications that conduct their own tests, evaluations and reviews.

■ **ZoneAlarm proved to be more stable and robust than any major competitor in its ability to withstand attacks and continue to deliver needed security.**





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Boot
Protection



Stability
Under Fire



Antivirus



Performance



Antivirus Independent Test Results

[Back Home](#) 

Thousands of new viruses are being created every week to attack your PC. Your antivirus software should effectively protect your computer against known and unknown malicious programs.

Virus Bulletin is the leading specialist publication in the field of viruses and related malware. In the publication's April 2008 comparative review, Virus Bulletin awarded Check Point ZoneAlarm its VB100 certification. [Learn more at Virus Bulletin/VB100](#) or see our [awards page](#).

AV-Comparatives is an independent organization that tests how well different antivirus engines detect viruses and other aspects of the scan. For comparison purposes, look for test results of Kaspersky, which has the same scanning engine that ZoneAlarm introduced in version 7.0. [See Anti-Virus Comparative tests February 2008 Copyright \(c\) by AV-Comparatives®](#) (Learn more at www.av-comparatives.org) - Tested on Windows XP SP2.



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Performance Independent Test Results [Back Home](#)

There are many ways to measure performance. Here are three key measurements.

Overall performance. Symantec Corporation, the parent company for products like Norton Internet Security, hired a third party to run performance tests for its security products and their major competitors. The third party was PassMark,

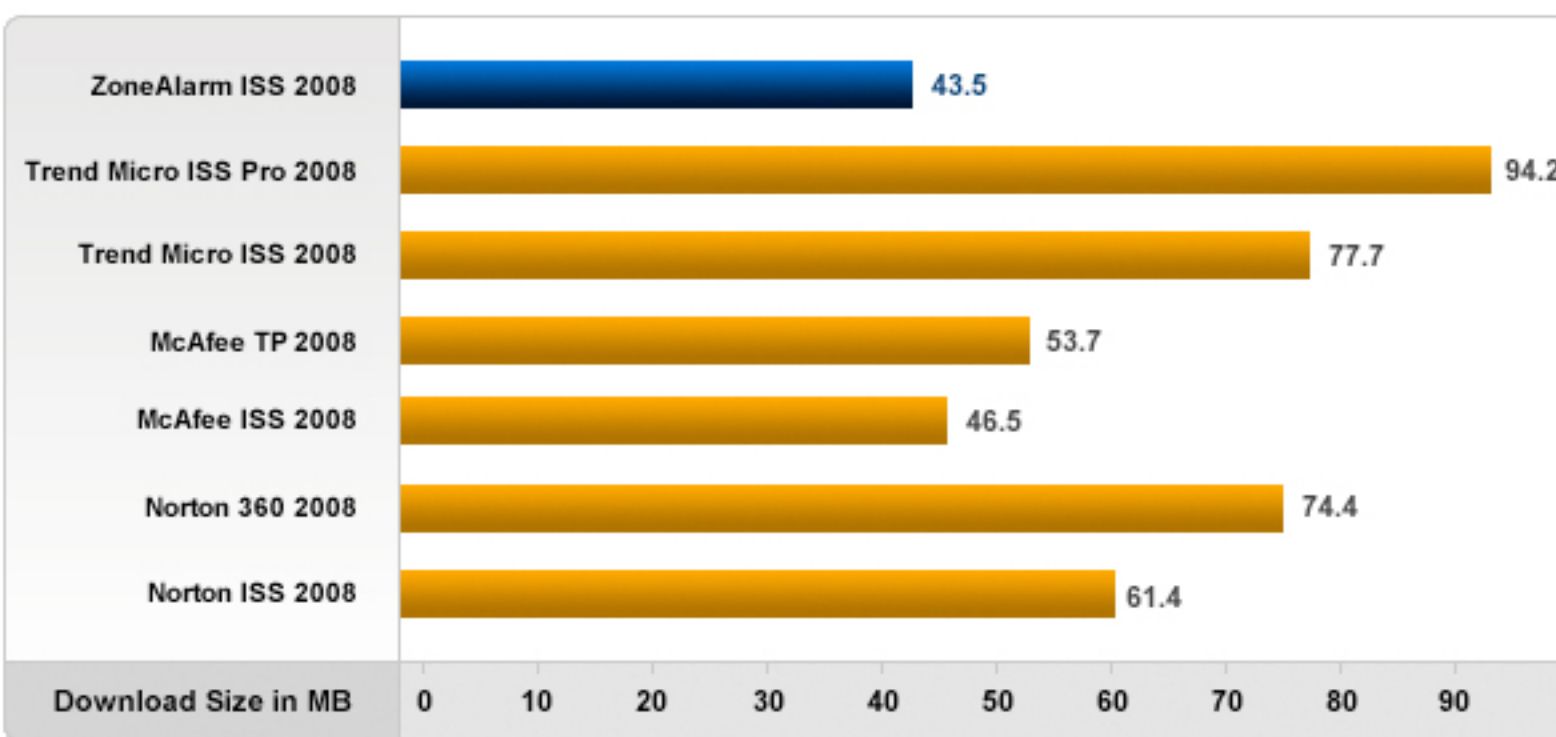
Here are the results as released by Symantec. "Only two Internet Security products had high enough performance across the six test metrics to average 5 stars, ZoneAlarm IS 7.1 and Norton IS 2008." The details of these results are available online here.

After these results were published, Check Point Software commissioned PassMark to test ZoneAlarm Internet Security Suite 7.x (used in the Symantec tests above) with the new 2009 version 8.0. PassMark confirmed that ZoneAlarm improved its boot time performance by 27%.

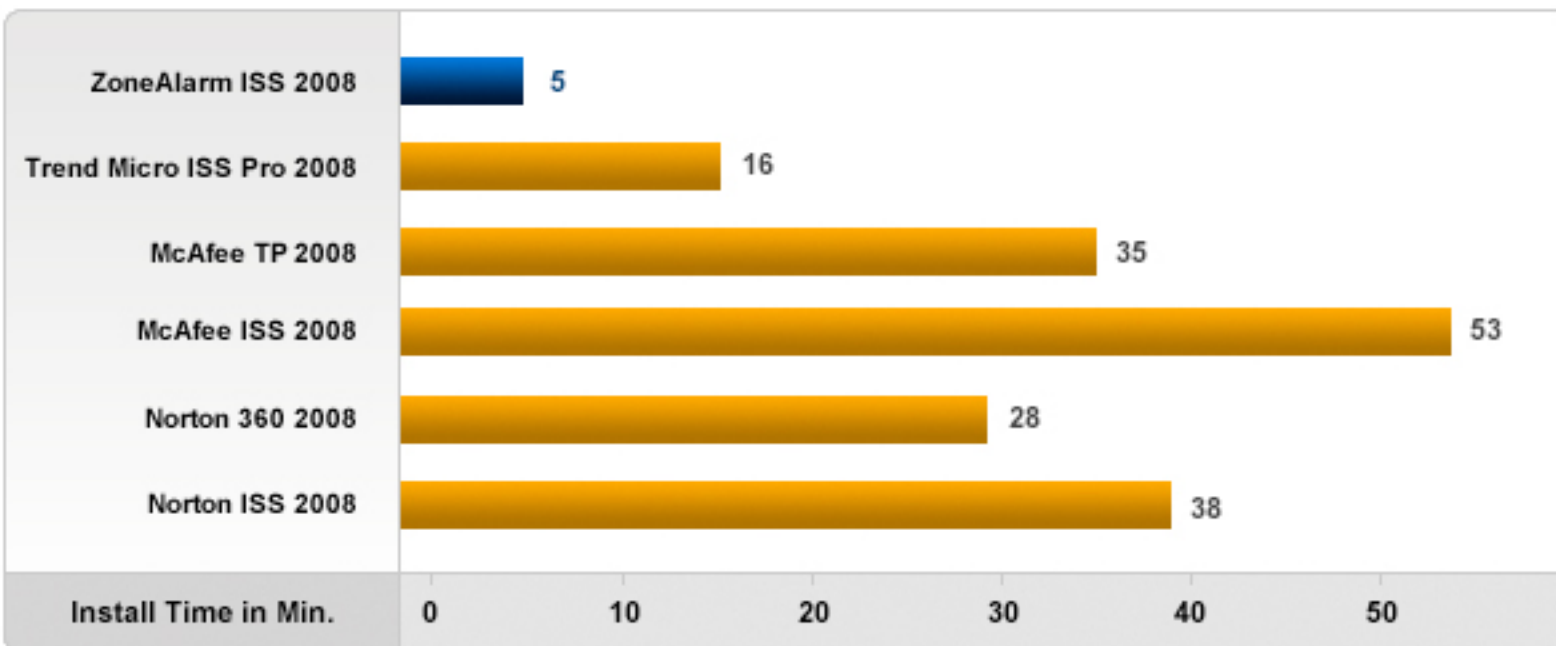
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■ **Download Size.** Downloads completed in July, 2008 with shipping products available from each vendor. ZoneAlarm Internet Security Suite had the smallest download size.



■ **Install time.** Measurements made in July, 2008, on a PC of ... ZoneAlarm had by far the fastest installation.



■ **Overall Score.** Only two Internet Security products had high enough performance across the six test metrics to average 5 stars, ZoneAlarm IS 7.1 and Norton IS 2008.

Product	Benchmark Report Star Rating
ZoneAlarm IS 7.1	★★★★★
Agnitum Outpost Security Suite 2007	★★★★
BitDefender Total Security 2008	★★★★
F-Secure IS 2008	★★★
G-Data IS 2008	★★★★
Kaspersky IS 7	★★★★
McAfee TP 08	★★★★
Norton IS 2008	★★★★★
Panda IS 2008	★★★★
Trend Micro IS 2008	★★★★