



# NOD32 antivirus system

## vs. Sophos Anti-Virus

NOD32 is a unified Anti-Threat system protecting against a broad spectrum of constantly evolving viruses, worms, spyware, and other malicious attacks. ESET NOD32 Antivirus uses award-winning ThreatSense® technology to detect tomorrow's threats in real-time - keeping you ahead of malware-writers. Here's how NOD32 compares to Sophos Anti-Virus:

### Effective Protection

Today's threats come without warning and require immediate detection. Proactive heuristic detection of new, zero-day malware closes the window of vulnerability between zero-day outbreaks and traditional, reactive signature updates, delivering zero response time to unknown threats. Signatures are still an important technology for known or "in-the-wild" threats, and both can potentially cause false positives. Effective anti-malware solutions must balance excellent detection in both known and unknown threats with a low false positives rate.

### Comprehensive Protection

Threats are evolving, blending and becoming more malicious on daily basis. Viruses and worms are self-replicating malware which can spread quickly. Spyware, Trojans, keyloggers, dialers, and rootkits and blended varieties of these threats are the primary types of malware today. Phishing attacks, a form of a social engineering, are sent via email to steal money and identities and don't use malicious programs that can be detected. Running separate applications for viruses, hackers, spyware, rootkits and fishing can slow the PC, be difficult to manage, and provide limited protection.

### System Performance

Great detection doesn't have to slow down your computer. The customer should be able to be productive without worrying about their system being bogged down or unstable. This extends the life of IT resources. The slower an anti-malware product the more annoyed the user gets and the less productive users are.

ESET NOD32 Antivirus	Sophos Anti-Virus
Earned a record <b>44 VB100 Awards</b> , the gold standard for detection of "In-The-Wild" viruses. NOD32 has not missed a single "In the Wild" worm or virus in testing since May 1998.	Sophos received <b>36 VB100 Awards</b> and missed <b>31</b> "In-The-Wild" viruses in On-Access Test and <b>38</b> "In-The-Wild" viruses in On-Demand Test. (virusbulletin.com; May 1998 – June 2007)
In nine tests of proactive and on-demand detection by AV-Comparatives.org between May 2005 and May 2007, NOD32 received <b>8 Advanced+ awards</b> .	Sophos participated in AV-Comparatives.org tests only until August 2005 and <b>never received Advanced+ award</b> .
Heuristic detection 1 month old signatures: <b>78.5%</b> 2 months old signatures: <b>73 %</b> (c't 2007, Heft 5)	Heuristic detection 1 month old signatures: <b>23%</b> 2 months old signatures: <b>19.5%</b> (c't 2007, Heft 5)

ESET NOD32 Antivirus	Sophos Anti-Virus
In Retrospective/Proactive Test by AV-Test.org on 1 month old signatures, NOD32 <b>detected 78.5% of malware</b> . (c't 2007, Heft 5)	In Retrospective/Proactive Test by AV-Test.org on 1 month old signatures, Sophos <b>detected 23% of malware</b> . (c't 2007, Heft 5)
On demand detection of Win32 runtime packers is <b>87.1%</b> . (c't 2007, Heft 5)	On demand detection of Win32 runtime packers is <b>32.4%</b> . (c't 2007, Heft 5)

ESET NOD32 Antivirus	Sophos Anti-Virus
<b>NOD32 Windows Vista scanning speed according to VB tests from February 2007 :</b> <b>Executables and system files:</b> Default: 43.17 MB/s All Files: 37.34 MB/s	<b>Sophos Anti-Virus Windows Vista scanning speed according to VB tests from February 2007 :</b> <b>Executables and system files:</b> Default: 6.34 MB/s All Files: 6.11 MB/s



## Ease of Management

The deployment and management of software applications continues to haunt system administrators. In today's world of reduced staff and greater workloads, an easy, comprehensive centralized management architecture is a necessity. Management systems must provide for a hierarchical structure for both device and update control.

ESET NOD32 Antivirus	Sophos Anti-Virus
The powerful Remote Administrator can centrally deploy, install, monitor, and manage thousands of NOD32 workstations and servers. NOD32 clients can be managed without any additional agents. Average install size - central console 45MB.	EM Library, Remote Update, SAV Admin and EM Reporter provide automated installation, updating, centralized management and limited reporting.

## Feature Matrix

### General

	ESET NOD32 Antivirus	Sophos Anti-Virus
Comprehensive protection for Viruses, Worms, Trojans, Keyloggers, Spyware, Rootkits, Phishing	●	No Phishing and Rootkit protection
Platform support Win 95/98/ME	●	●
Platform support NT/2000/XP/2003 and <b>Vista</b>	●	●
Support for 64-Bit operating systems available	●	●

### Detection Capabilities

	ESET NOD32 Antivirus	Sophos Anti-Virus
Signature-Based, Generic Signatures	●	●
Passive Heuristics	●	●
Advanced Heuristics	●	○
Specific protection—email, MS Office docs, Internet email	●	●

### Performance

	ESET NOD32 Antivirus	Sophos Anti-Virus
Overhead (0%=No AV installed)	4%	Data not available
Scanning Throughput <small>Source: Virus Bulletin, February '07</small>	43.17MB/sec Windows executables	6.34 MB/sec Windows executables

### Support and Updates

	ESET NOD32 Antivirus	Sophos Anti-Virus
FAQ, Email	●	●
Free phone support	●	●
Online tutorials and manuals for download	●	●
Updates	Average 16 updates per week	Average 7 updates per week
Automatic Updates	●	●
Update Size	30 KB per update (480 KB per week)	41.9 KB per update (293 KB per week)
Major Upgrades included	●	●

### Awards and Certifications

	ESET NOD32 Antivirus	Sophos Anti-Virus
VB100	44	36
ICSA	●	●
Checkmark	●	No "Anti-Spyware Installed" Checkmark certification
Advanced+ Detection Awards (AV-Comparatives.org)	8	0

### Pricing

	ESET NOD32 Antivirus	Sophos Anti-Virus
List Price	\$39.00	Not available for single users
5 User Family Pack	\$225.00	\$207.00
10 User (workstation, file and mail server protection)	\$450.00	\$600.00
Support Included	●	●



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