



# NOD32 antivirus system

## vs. Panda Antivirus

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 Panda Antivirus:

### 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.

ESET NOD32 Antivirus	Panda Antivirus
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.	Panda entered VB test four times. It received only <b>1 VB100 Award</b> . (April 2001)
NOD32 <b>missed 0 In-The Wild viruses</b> , in both On Access and On Demand tests. (virusbtn.com; May 1998 – May 2007)	Panda missed <b>52 On-Demand In-The-Wild viruses</b> and <b>123 On-Access In-The Wild viruses</b> . (virusbtn.com; May 1998 – June 2007)
AV-Test.org presented at Blackhat: Results of the Command-line Scanner, NOD32 generated <b>23 false positives</b> .	AV-Test. Org presented at Blackhat: Results of the Command-line Scanner, Panda generated <b>556 false positives</b> .

### 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.

ESET NOD32 Antivirus	Panda Antivirus
NOD32 <b>detected 78.5% malware</b> in retrospective/proactive test by AV-Test. Org on 1-month old signatures. (c't 2007, Heft 5)	Panda <b>detected 56% malware</b> in retrospective/proactive test by AV-Test. Org on 1-month old signatures. (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>63.1%</b> . (c't 2007, Heft 5)

### 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	Panda Antivirus
<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	Panda does not participate in VB tests since June 2002. According to CNET.com reviewers: "Panda Antivirus is a resource hog. Start-up takes over five minutes and they are also big on pop-ups."
<b>Memory footprint at rest: 21.4 MB</b>	<b>Memory footprint at rest: 111 MB</b>



## 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	Panda Antivirus
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.	Panda AdminSecure provides centralized management and reporting but is resource heavy, and its installation requires a lot of disk space. Heavy resource usage increases with the number of computers in the network.

## Feature Matrix

ESET NOD32 Antivirus	Panda Antivirus
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### General

Comprehensive protection for Viruses, Worms, Trojans, Keyloggers, Spyware, Rootkits, Phishing	●	Panda's AntiRootkit solution is not an antivirus, nor does it provide real-time protection
Platform support Win 95/98/ME	●	No Windows 95 support
Platform support NT/2000/XP/2003 and <b>Vista</b>	●	No NT support
Support for 64-Bit operating systems available	●	●

### Detection Capabilities

Signature-Based, Generic Signatures	●	●
Passive Heuristics	●	●
Advanced Heuristics	●	○
Specific protection—email, MS Office docs, Internet email	●	●
Missed In-the-Wild Viruses in Virus Bulletin Tests between May 1998 and February 2007 (virusbtn.com) <b>On Access/On Demand</b>	0/0	123/52

### Performance

Overhead (0%=No AV installed)	4%	20%
Memory footprint at rest	21.4 MB	111 MB

### Support and Updates

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)	125 KB per update (875 KB per week)
Major Upgrades included	●	●

### Awards and Certifications

VB100	44 times	1 time
ICSA	●	●
Checkmark	●	No 'Anti-Spyware Installed' Checkmark certification

### Pricing

List Price	\$39.00	\$49.90
3 User Family Pack	\$82.00	\$74.85
10 User (workstation, file and mail server protection)	\$450.00	\$399.50
Support Included	●	●



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Last update: 06/01/2007

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