



NOD32 antivirus system

vs. Trend Micro 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 Trend Micro 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	Trend Micro Antivirus
Earned a record 40 Virus Bulletin 100% Awards , 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.	Since May 1998, Trend Micro failed 4 Virus Bulletin 100% tests. They earned only 15 Virus Bulletin 100% Awards .
In five tests of proactive detection by AV-Comparatives.org between May, 2005, and May, 2006, NOD32 received 5 Advanced+ awards .	Trend Micro has never received an Advanced+ award .
AV-Test.org presented at Blackhat: Results of the Command-line Scanner, NOD32 proactively detected 82.83% of malware .	Trend Micro did not participate in the tests published by C'T magazine.

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	Trend Micro Antivirus
Proactive Detection Methods: Code Analysis, Generic Signatures, Emulation.	Proactive Detection Methods: automatic updates (signatures only), program updates (manually).
Detection and Remediation: NOD32 includes integrated Antivirus solution with Anti-Spyware and also includes detection for phishing attacks and rootkits.	Detection and Remediation: No detection for phishing.

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	Trend Micro Antivirus
NOD32 Windows XP scanning speed according to VB tests from June 2006 : 17.3 MB/s for executables 26.46 MB/s for Office files Memory footprint at rest: 21.4 MB.	Trend does not participate in many independent detection and performance tests by VB and av-comparatives.org. Memory footprint at rest: 45 MB.



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	Trend Micro 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.	No central management console available for the consumer version, only for the corporate version (OfficeScan). Trend Micro's Control Manager (TMCM) is cost ineffective for more than 50 seats. TMCM is very bandwidth intensive and can slow networks due to the large size of incremental updates (120KB-1MB). It also requires a separate "Agent" to be installed to all clients just to manage the product.

Feature Matrix

ESET NOD32 Antivirus	Trend Micro Antivirus
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General

Comprehensive protection for Viruses, Worms, Trojans, Keyloggers, Spyware, Rootkits, Phishing	●	No Phishing protection
Platform support Win 95/98/ME	●	Via command-line only
Platform support NT/2000/XP/2003 and Vista	●	No support for Windows Vista
64-Bit Antivirus Available	●	●

Detection Capabilities

Signature-Based, Generic Signatures	●	●
Passive Heuristics	●	○
Advanced Heuristics	●	○
Specific protection—email, MS Office docs, Internet email	●	●

Performance

Overhead (0%=No AV installed)	4%	5%
Scanning Throughput <small>Source: Virus Bulletin, June '06</small>	17MB/sec Windows executables	9.6MB/sec Windows executables

Support and Updates

FAQ, Email	●	●
Free phone support	●	○
Online tutorials and manuals for download	●	●
Updates	Average 16 updates per week	Average 1 update per week
Automatic Updates	●	●
Update Size	30 KB per update (480 KB per week)	Varies 120k to 1MB
Major Upgrades included	●	○

Awards and Certifications

Virus Bulletin 100% Awarded	40 times	15 times
ICSA	●	●
Checkmark	●	No "Installed Spyware" Checkmark certificate
Advanced+ Detection Awards (AV-Comparatives.org)	5	0

Pricing

List Price	\$39.00	\$39.95
3 User Family Pack	\$82.00	\$49.95
10 User (workstation, file and mail server protection)	\$450.00	\$504.00
Support Included	●	Email only



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