

An Updated Survey of Anti-Virus Software – from Published Test Results and Evaluations

Compiled by Gary Patrick

Lexington, Massachusetts Senior Center
Computer and Technology Group

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This presentation consists of two .pdf files,
text material, and graphics, separately.

(This is the graphics portion)

References given in the text slides .pdf file

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Tested on AMD processors; results could differ if done on Intel processors	

Brand & Model

Price

Ratings and Test Results

Consumer Reports summary chart for 2015 Anti-Virus Products

Free anti-malware programs

	Price	Overall score	Threat blocking	Ease of use	Malware scan	Firewall	Use of resources	Anti-phishing	Updating	Response to threats
		0 P F G VG E 100								
<input checked="" type="checkbox"/> Avira Free Antivirus 2015	---	58								
AVG AntiVirus FREE 2015	---	54								
Avast! Free AntiVirus 2015	---	54								
Microsoft Windows 8.1 with Defender	---	38								

Security suites

	Price	Overall score	Threat blocking	Ease of use	Malware scan	Firewall	Use of resources	Anti-phishing	Updating	Response to threats
		0 P F G VG E 100								
<input checked="" type="checkbox"/> ESET Smart Security 8	\$80	69								
<input checked="" type="checkbox"/> Symantec Norton Security	\$80	69								
<input checked="" type="checkbox"/> BullGuard Internet Security	\$60	68								
<input checked="" type="checkbox"/> G Data Internet Security	\$50	67								
Kaspersky Internet Security 2015	\$60	65								
BitDefender Internet Security 2015	\$80	65								
ZoneAlarm Internet Security Suite	\$60	63								
McAfee Internet Security	\$80	62								
Avira Internet Security Suite	\$100	62								
AVG Internet Security 2015	\$70	59								
F-Secure Internet Security	\$70	58								
Avast! Internet Security	\$60	53								

Internet Security Software										
(Available for instant download)	VIPRE \$49.99 \$39.99 BUY Read More	ESET \$59.99 (no discount) BUY Read More	Norton \$89.99 (no discount) BUY Read More	AVG \$54.99 \$43.99 BUY Read More	Bitdefender \$59.95 (no discount) BUY Read More	Avira \$66.99 (no discount) BUY Read More	Avast \$49.99 (no discount) BUY Read More	Kaspersky \$79.95 \$59.95 BUY Read More	McAfee \$79.99 \$39.99 BUY Read More	Panda \$49.99 \$37.49 BUY Read More
Works with Windows	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP	Win 8.1 Win 8 Win 7 Vista XP
Overall Rating	Excellent	Very Good	Good	Good	Good	Good	Average	Average	Poor	Poor
Virus & Spyware Protection	Excellent	Excellent	Very Good	Very Good	Excellent	Very Good	Very Good	Very Good	Average	Good
Manual Virus Scanning	Excellent	Excellent	Excellent	Very Good	Excellent	Good	Very Good	Excellent	Poor	Good
USB Virus Protection	Excellent	Excellent	Average	Average	Excellent	Average	Poor	Excellent	Poor	Average
Resource Usage	Very Good	Very Good	Good	Excellent	Good	Very Good	Good	Good	Average	Average
User Interface / Usability	Good	Very Good	Excellent	Very Good	Average	Poor	Very Good	Average	Poor	Average
Extra Features	Excellent	Excellent	Excellent	Average	Good	Good	Excellent	Good	Poor	Poor
Technical Support	Excellent	Excellent	Average	Average	Poor	Average	Poor	Average	Average	Poor

Rectangular Strip

PCMag Test Results for Internet Security Suites 2015 Products:	Detection	Cleaning	Protection	False Posi	Performan	Overall
AhnLab	★	★★★★	∅	★★★	★	★
avast!	★★	★★★	★★★	★★★★★	★★★★	★★★
AVG	★★★★	★★	★★	★★★★★	★★★★	★★★
Avira	★★★★★	★★★	★★★★★	★★★★★	★★★★	★★★★★
Baidu	∅		★★		★★★★★	★
BitDefender	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
BullGuard	★★★★★	★★★★	★★★★★	★★★★★	★★★★	★★★★★
Comodo			★★★★★	★★★★	★	★★
Emsisoft	★★★★	★★★★	★★★★★	★★	★★	★★★
ESET	★★★★★	★★★★	★★★★★	★★★★★	★★★	★★★★★
Fortinet	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
F-Secure	★★★★★	★★★★	★★★★★	★★★★	★★★	★★★★★
G Data	★★★★★	★★★★	★★★★★	★★★★★	★★	★★★
K7	★★					∅
Kaspersky	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Kromtech						∅
Lavasoft	★★★★★		★★	★★★★★	★★★★★	★★★★★
MalwareBytes		★★★★★	∅	★★★★★		∅
McAfee	★★★★★		★★★★	★★★★★	★★★★	★★★★★
Microsoft	★★★★★	★	∅	★★★★★	★★★	★
Norman	★★★		∅	★★★★	★	★★
<i>Norton / Symantec</i>		★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Outpost / Agnitum	★★★★					N/A
Panda	★★★★★	★★★★★	★★★★★	★★★★★	★★★★	★★★★★
Qihoo	★★★★		★★★★★	★★★★★	★★★★★	★★★★★
Sophos	★★★★	★★★★★	★★★★	★★★★★	★★★★★	★★★★★
Trend Micro	★★★★★		★★	★★★	★★	★
TrustPort	★★★★					N/A
Vipre	★★★★	★★★	∅	★★	★	★

Malware Blocking Tests					
Note most of these are last year's products.					
▲ High scores are best					
▼ Low scores are best					
Bold type denotes top score					
	Suite	Free	Malware Detection		Malicious URL Blocking
			score ▲	% ▲	% ▲
VIPRE Internet Security 2014	Y		10.0	100%	64%
Comodo Internet Security Premium 7	Y	Y	9.9	100%	21%
FortiClient 5.0		Y	9.4	94%	40%
AVG Internet Security 2014	Y		9.4	97%	
Avira Free AntiVirus (2014)		Y	9.4	97%	
Avira Ultimate Protection Suite (2014)	Y		9.4	97%	
ESET Smart Security 7	Y		9.2	94%	41%
McAfee Internet Security 2014	Y		9.2	92%	
Ashampoo Anti-Virus 2014			9.2	97%	
Bitdefender Antivirus Free Edition (2014)		Y	9.0	92%	
G Data InternetSecurity 2014	Y		9.0	92%	
avast! Internet Security 2014	Y		8.9	92%	79%
Advanced SystemCare Ultimate 7			8.9	94%	44%
BullGuard Internet Security (2014)	Y		8.9	94%	30%
Webroot SecureAnywhere Internet Security Complete (2014)	Y		8.8	91%	
TrustPort Internet Security 2014	Y		8.7	92%	28%
TrustPort Antivirus 2014			8.7	92%	21%
K7 Ultimate Security Gold 14	Y		8.6	89%	69%
Norman Security Suite 10 Pro	Y		8.6	89%	
Outpost Security Suite Pro 9.0	Y		8.5	91%	8%
Ad-Aware Total Security 11	Y		8.3	83%	68%
Malwarebytes Anti-Malware Premium 2.0		Y	8.1	86%	14%
Emsisoft Anti-Malware 7.0			5.9	72%	
Baidu Antivirus			5.4	69%	35%
IObit Malware Fighter 2			1.5	17%	
NEW MALWARE COLLECTION INTRODUCED					
Tiranium Premium Security 2014			9.9	100%	34%
F-Secure Internet Security 2015	Y		9.3	93%	73%
Trend Micro Internet Security 2015	Y		8.7	89%	80%
Bitdefender Internet Security 2015	Y		8.4	86%	18%
Symantec Norton Security	Y		<i>8.3</i>	<i>89%</i>	<i>51%</i>
Panda Internet Security 2015	Y		8.0	86%	64%
Kaspersky Internet Security (2015)	Y		7.9	83%	10%
Kromtech PCKeeper Antivirus			7.9	83%	38%
ZoneAlarm Internet Security Suite 2015	Y		7.9	83%	47%

Antiphishing Accuracy Test

Difference from:

Note this doesn't have 2015 versions of many of the programs tested, though.
(Norton Security 2015 taken as the reference point)

▲ High scores are best

▼ Low scores are best

Bold type denotes top score

	Norton ▲	Internet Explorer ▲	Firefox ▲	Chrome ▲
Bitdefender Internet Security 2015	+5%	+46%	+24%	+10%
Kaspersky PURE 3.0 Total Security	+3%			
Webroot SecureAnywhere AntiVirus (2014)	+2%			
Bitdefender Antivirus Free Edition (2014)	+1%			
Kaspersky Internet Security (2015)	+1%	+26%	+9%	+3%
<i>Symantec Norton Security</i>	+0%	+67%	+27%	+47%
Trend Micro Internet Security 2015	-4%	+48%	+11%	-2%
FortiClient 5.0	-4%			
ZoneAlarm Internet Security Suite 2015	-8%	+21%	+0%	-13%
BullGuard Internet Security (2014)	-12%			
SecureIT (2013)	-12%			
Panda Internet Security 2015	-19%	+23%	-16%	-15%
Ad-Aware Total Security 11	-22%			
avast! Internet Security 2014	-32%			
G Data InternetSecurity 2014	-38%			
McAfee Internet Security 2014	-38%			
F-Secure Internet Security 2015	-39%	+9%	-7%	-24%
Norman Security Suite 10 Pro	-50%			
K7 Ultimate Security Gold 14	-55%			
Personal Data Protection Suite	-56%			
ESET Smart Security 7	-58%			
VIPRE Internet Security 2014	-58%			
Avira Antivirus Suite (2014)	-68%			
eScan Internet Security Suite 11	-68%			
AVG Internet Security 2014	-77%			
Emsisoft Anti-Malware 7.0	-80%			
V3 Secure Cloud	-82%			
TrustPort Internet Security 2014	-84%			
Ad-Aware Free Antivirus+ 10.5	-87%			
Comodo Internet Security Complete 7	-89%			
Baidu Antivirus	-98%			

Note: Browser comparison data will be added as it becomes available.

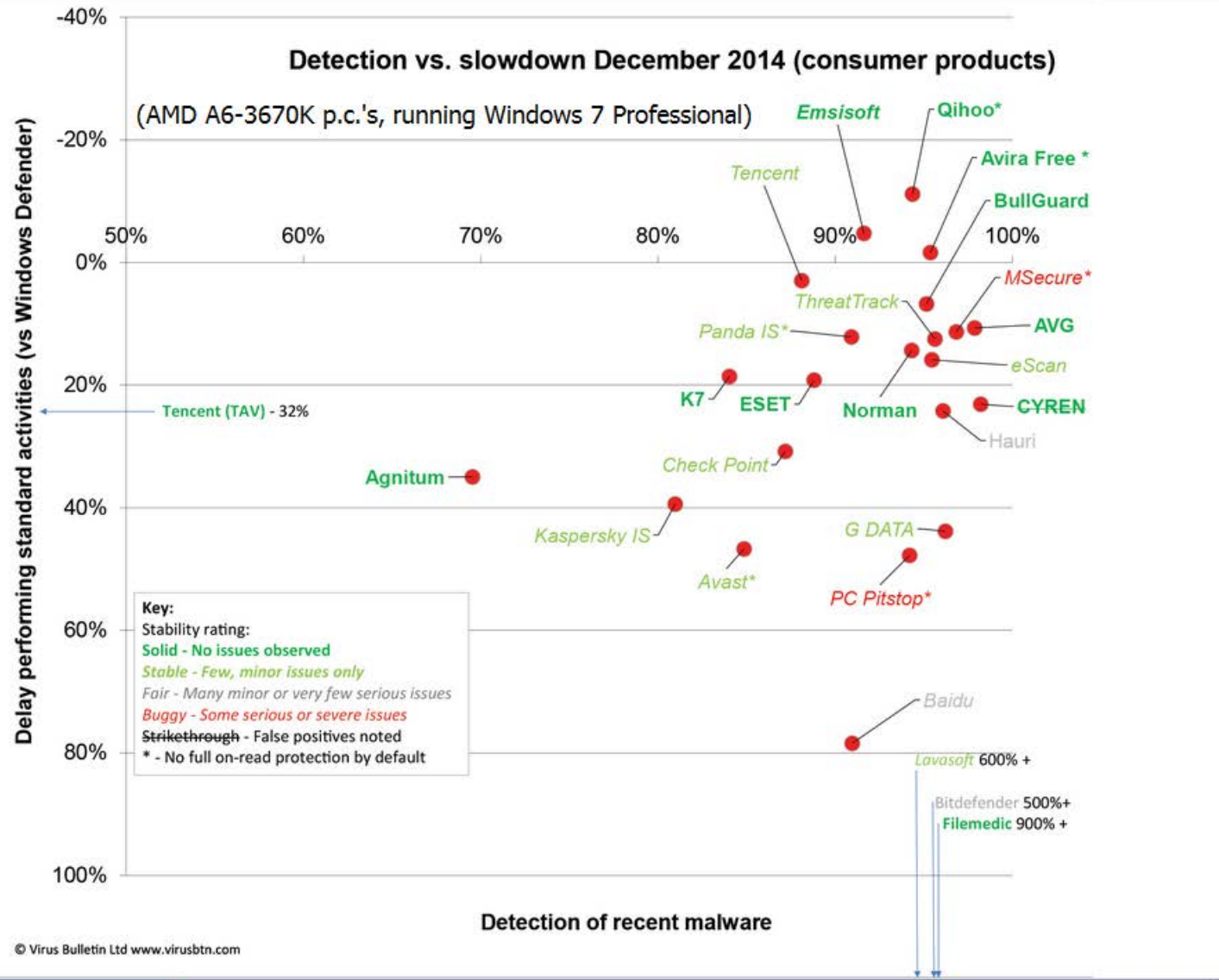
www.pcmag.com/image_popup/0,1871,iid=433516,00.asp

PC Magazine Performance Tests, i.e Impact of Security Software, as Increase in Time to Accomplish Other Tasks.

Close window X

Symantec Norton Security as example. Note not all of these products are 2015 versions in this test!

Security Suite Performance Tests				
	Average Impact ▼	Boot Time Test ▼	File Move and Copy Test ▼	Zip and Unzip Test ▼
▲ High scores are best ▼ Low scores are best Bold type denotes top score				
Webroot SecureAnywhere Internet Security Plus (2014)	3%	5%	4%	0%
TrustPort Internet Security 2014	3%	9%	0%	0%
F-Secure Internet Security 2015	4%	8%	0%	3%
Bitdefender Internet Security 2015	4%	0%	3%	8%
K7 Ultimate Security Gold 14	4%	0%	0%	11%
AVG Internet Security 2014	5%	7%	3%	4%
Ad-Aware Total Security 11	5%	8%	7%	1%
avast! Internet Security 2014	5%	0%	2%	14%
BullGuard Internet Security (2014)	6%	14%	0%	4%
VIPRE Internet Security 2014	6%	0%	12%	12%
Kaspersky Internet Security (2015)	7%	0%	18%	4%
<i>Symantec Norton Security</i>	9%	24%	0%	3%
SecureIT Plus (2013)	11%	0%	18%	15%
McAfee Internet Security 2014	11%	4%	20%	10%
Panda Internet Security 2015	12%	19%	6%	12%
ESET Smart Security 7	14%	39%	0%	4%
Trend Micro Internet Security 2015	17%	29%	9%	12%
ZoneAlarm Internet Security Suite 2015	17%	38%	9%	4%
Avira Ultimate Protection Suite (2014)	19%	55%	1%	2%
Outpost Security Suite Pro 9.0	21%	26%	17%	20%
Comodo Internet Security Premium 7	23%	66%	4%	0%
Kaspersky PURE 3.0 Total Security	25%	49%	16%	11%
G Data InternetSecurity 2014	26%	26%	16%	34%
Comodo Internet Security Complete 7	26%	75%	4%	0%
McAfee Total Protection 2013	32%	1%	46%	49%
Norman Security Suite 10 Pro	95%	248%	13%	23%
RED denotes Editors' Choice.				



Detection vs. slowdown Aug 2014 - consumer products

(AMD A6-3670K p.c.'s, running Windows 8.1 with spring 2014 update)

Delay performing standard activities (vs Windows Defender)

