

# Antivirus

WEMPI NAVIERA

# Source(s)

- ▶ <http://www.av-test.org/en/tests/home-user/>
- ▶ <http://www.av-comparatives.org/>
- ▶ <http://www.tomsguide.com/us/best-free-antivirus-software-2013,review-1788.html>
- ▶ <http://www.pcmag.com/article2/0,2817,2372364,00.asp>
- ▶ <https://www.virusbtn.com/vb100/archive/compare?id=10&id2=11&id3=72&id4=562&id5=2&id6=9&id7=>
- ▶ <http://www.viruslokal.com/>
- ▶ <http://virusindonesia.com/>

# Suggestion # 1

## **Best Free Antivirus:**

1. AVG Antivirus Free 2014
2. Avira Free Antivirus (2014)
3. FortiClient 5.0
4. Malwarebytes Anti-Malware 2.0 - **portable**

Source: [PCMag.com](http://PCMag.com)

# Suggestion #2

## **Best Free Antivirus:**

1. Bitdefender Antivirus Free Edition 2014
  2. AVG Antivirus Free 2014
- avast! Free Antivirus 2014

Source: [Virus Bulletin](#)

# Suggestion #3

AV Name	Phising	Real World	False Positives	Malware	File Detection	Performance	Proactive	Σ
<u>avast!</u>	-	1	-	-	-	2	-	3
<u>Avira</u>	-	-	-	1	-	-	-	1
<u>BitDefender</u>	2	-	-	2	2	1	3	10
<u>FortiClient</u>	1	-	3	-	-	-	-	4

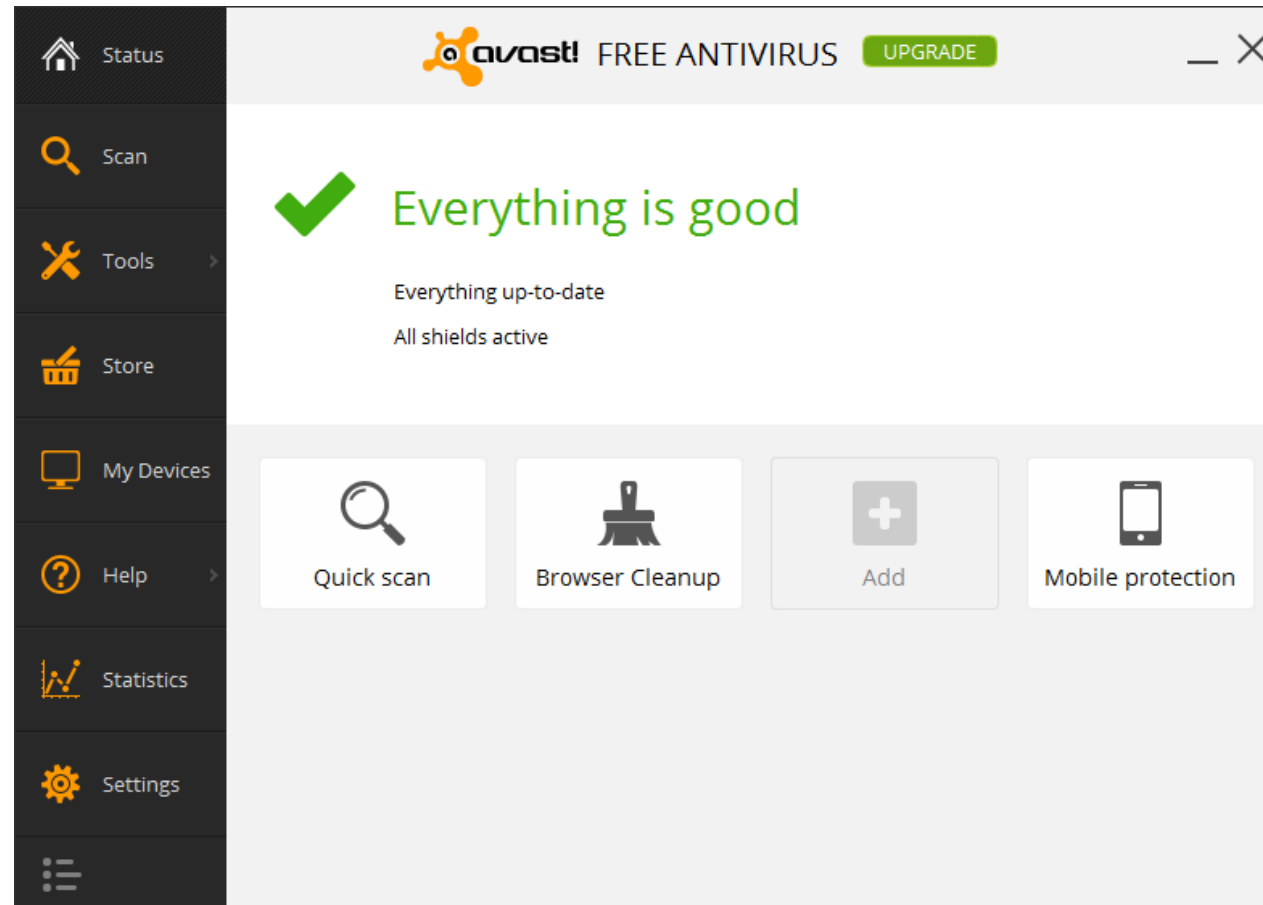
Sumber: AV Comparatives

# Suggestion #4

AV Name	Protection	Performance	Usability	$\Sigma$
<b>Avast: Free AntiVirus 2014</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>7</b>
<b>Panda Security: Cloud Antivirus FREE 2.3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>6</b>
<b>AVG: Anti-Virus Free Edition 2014</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>5</b>

Sumber: [AV Test](#)

# Suggestion #4 - Avast: Free AntiVirus 2014



# Suggestion #4 - Avast: Free AntiVirus 2014

Protection	Average	Nov	Des
Protection against 0-day malware attacks, inclusive of web and e-mail threats (Real-World Testing)	94	95	89
Detection of widespread and prevalent malware discovered in the last 4 weeks (the AV-TEST reference set)	96	98	98
<b>Protection Score</b>	<b>3.0/6.0</b>		
Performance	Average	Nov	Des
Use cases: visiting websites, downloading software, installing and running programs and copying data	5	2	2
<b>Performance Score</b>	<b>5.5/6.0</b>		



# Suggestion #4 - Avast: Free AntiVirus 2014

Usability	Average	Nov	Des
False warnings or blockages when visiting websites	0	0	0
False detections of legitimate software as malware during a system scan	0	0	0
False warnings concerning certain actions carried out whilst installing and using legitimate software	0	0	
False blockages of certain actions carried out whilst installing and using legitimate software	0	0	
<b>Usability Score</b>	<b>6.0/6.0</b>		

# Suggestion #4 - Panda Cloud Antivirus FREE 2.3



# Suggestion #4 - Panda Cloud Antivirus FREE 2.3

Protection	Average	Nov	Des
Protection against 0-day malware attacks, inclusive of web and e-mail threats (Real-World Testing)	94	100	98
Detection of widespread and prevalent malware discovered in the last 4 weeks (the AV-TEST reference set)	96	100	100
<b>Protection Score</b>	<b>6.0/6.0</b>		
Performance	Average	Nov	Des
Use cases: visiting websites, downloading software, installing and running programs and copying data	5	5	5
<b>Performance Score</b>	<b>3.5/6.0</b>		

# Suggestion #4 - Panda Cloud Antivirus FREE 2.3

Usability	Average	Nov	Des
False warnings or blockages when visiting websites	0	0	0
False detections of legitimate software as malware during a system scan	0	0	0
False warnings concerning certain actions carried out whilst installing and using legitimate software	0	0	
False blockages of certain actions carried out whilst installing and using legitimate software	0	0	
<b>Usability Score</b>	<b>6.0/6.0</b>		

# Suggestion #4 - AVG: Anti-Virus Free Edition 2014

The screenshot displays the AVG AntiVirus FREE interface. At the top, it says "AVG. AntiVirus FREE" and includes links for "Join us on Facebook", "Reports 1", "Support", and "Options". A central message reads "You are protected" with a green checkmark icon. Below this, there are several protection status tiles: "Computer" (PROTECTED), "Web Browsing" (PROTECTED), "Identity" (PROTECTED), "Emails" (PROTECTED), and "Firewall" (ACTIVATE NOW). Other tiles include "Fix Performance", "Mobile Apps", "Tablet Apps", and "Driver Update". A "Scan now" button is visible on the left, and a "Protection is up-to-date" message is on the right. At the bottom, there is a promotional section for "Maximize your protection" with a "30 day free trial" and "Get it now" button. The promotional text lists features: "Anti-spam protection for a cleaner inbox", "Advanced firewall to help block hackers", "Online shopping and banking protection", and "New privacy features for you and your data". The footer contains "2014, build 4259" and a "Hide notification" link.

AVG. AntiVirus FREE

Join us on Facebook Reports 1 Support Options

✓ You are protected

Computer PROTECTED

Web Browsing PROTECTED

Identity PROTECTED

Emails PROTECTED

Firewall ACTIVATE NOW

Fix Performance

Mobile Apps

Tablet Apps

Driver Update

+ More from AVG

Scan now

Protection is up-to-date

Maximize your protection

Get AVG Internet Security 2014, our ultimate antivirus protection for you and your private data, for all of this and more:

30 day free trial Get it now

- ✓ Anti-spam protection for a cleaner inbox
- ✓ Advanced firewall to help block hackers
- ✓ Online shopping and banking protection
- ✓ New privacy features for you and your data

2014, build 4259 Hide notification

# Suggestion #4 - AVG: Anti-Virus Free Edition 2014

Protection	Average	Nov	Des
Protection against 0-day malware attacks, inclusive of web and e-mail threats (Real-World Testing)	94	98	96
Detection of widespread and prevalent malware discovered in the last 4 weeks (the AV-TEST reference set)	96	99	99
<b>Protection Score</b>	<b>4.0/6.0</b>		
Performance	Average	Nov	Des
Use cases: visiting websites, downloading software, installing and running programs and copying data	5	2	2
<b>Performance Score</b>	<b>5.5/6.0</b>		

# Suggestion #4 - AVG: Anti-Virus Free Edition 2014

Usability	Average	Nov	Des
False warnings or blockages when visiting websites	0	0	0
False detections of legitimate software as malware during a system scan	0	6	0
False warnings concerning certain actions carried out whilst installing and using legitimate software	0	0	0
False blockages of certain actions carried out whilst installing and using legitimate software	0	0	0
<b>Usability Score</b>	<b>5.5/6.0</b>		

## Additional: “Domestic-made” antivirus

1. Smadav
2. PC Media Antivirus
3. Ansav
4. Kemoav
5. Avigen
6. Codenesia Malware Cleaner
7. Artav
8. Elkav
9. Nyit-Nyit Antivirus
10. The Killer Machine
11. Wedash
12. Kisav AV
13. Mantav Antivirus
14. Gucup Antivirus
15. Jasakom Antivirus
16. Blue Atom
17. Morphost
18. Anti Indovir



# High Profile “Domestic-made” antivirus

## **PC Media Antivirus**

PCMAV adalah Antivirus yang dibuat oleh majalah PC Media yang dimulai pada awal tahun 2006, antivirus ini merupakan salah satu antivirus buatan local yang paling banyak digunakan di Indonesia, mengingat kemampuannya yang sangat bagus dan sangat membantu sekali

# High Profile “Domestic-made” antivirus

## **SMADAV**

SMADAV adalah antivirus buatan Indonesia yang mulai diluncurkan pada bulan Maret 2007, keunggulan antivirus ini adalah cepatnya proses scanning pada komputer dan tidak membebani memori komputer, kekurangannya belum bisa menghapus secara tuntas virus-virus impor, karena difokuskan untuk menghadapi virus yang tersebar di Indonesia.

# High Profile “Domestic-made” antivirus

## **ANSAV Antivirus**

ANSAV adalah antivirus Indonesia yang mulai populer sejak bulan Oktober 2006 dan merupakan pesaing dari Antivirus PCMAV yang terlebih dahulu telah diluncurkan. Antivirus ini banyak digunakan orang Indonesia terutama untuk membasmi virus brontok, mempunyai kelebihan yaitu sangat sensitif terhadap virus yang telah menginfeksi komputer namun kekurangannya yaitu terkadang data yang sudah terinfeksi virus akan ikut terhapus bersama dengan virusnya.

# High Profile “Domestic-made” antivirus

## **Blue Atom Antivirus**

Blue Atom Antivirus merupakan antivirus yang dibuat oleh anak kelas XI E SMP Katolik Stella Maris, Surabaya, yang bernama Alvin Leonardo yang masih berusia 14 Tahun, antivirus buatannya ini sudah mendapatkan garansi 100% Clean dari **Softpedia.com** pada tanggal 19 Oktober 2009. Alvin belajar secara otodidak 3 bahasa pemrograman yaitu Visual Basic, C#, dan Assembler (ASMX 86).

# High Profile “Domestic-made” antivirus

## **GUCUP Antivirus (GAV)**

GUCUP Antivirus merupakan antivirus yang dibuat oleh Yusuf Theretsa Patiku, mahasiswa Program Studi Teknik Informatika, Universitas Atma Jaya Yogyakarta. GAV ini dibuat dengan dengan bahasa pemrograman C#. Antivirus ini juga sudah mendapat garansi 100% clean dari **Softpedia.com**, kelebihan dari antivirus ini adalah mampu menscan file arsip seperti rar maupun zip, *memory system scanning*, proses *scanning* cepat, mampu memisahkan file *document* yang sudah terinfeksi *malware*.

# High Profile “Domestic-made” antivirus

## **AVIGEN Antivirus**

AVIGEN Antivirus merupakan antivirus buatan Indonesia yang mempunyai website di <http://www.vibi-bego.com> Kelebihan dari antivirus ini adalah bisa mencari file-file yang sudah terinfeksi virus seperti worm, hacktool, exploit script, serta trojan horse. Fasilitas yang terdapat pada AVIGEN adalah registry tweak, scan running proses, process viewer, scan autorun location dan masih banyak lagi. Selain itu Antivirus ini juga sudah mendapatkan sertifikat 100% clean dari **softpedia.com**

# Mixed AV

## **Service AV (must have):**

# AVG / avast! / BitDefender

## **Portable AV (must have):**

# Kasperky Removal Tool, PC Media Antivirus, SMADAV

## **Additional(s) (optional):**

# [ClamWin Portable](#) , [McAfee Stinger Portable](#) , [Spybot - Search & Destroy Portable](#) , [Comodo Cleaning Essentials](#) , [Norton Power Eraser](#) , [Trend Micro HouseCall](#) , [Mawarebytes Anti-Malware](#) , [Norman Malware Cleaner](#) , [Emsisoft Emergency Kit](#) , [Dr.Web CureIt](#) , [SUPERAntiSpyware](#)

Terima Kasih