




Trend Micro Internet Security


During March and April 2016 we continuously evaluated 22 home user security products using their default settings. We always used the most current publicly-available version of all products for the testing. They were allowed to update themselves at any time and query their in-the-cloud services. We focused on realistic test scenarios and challenged the products against real-world threats. Products had to demonstrate their capabilities using all components and protection layers.

Version 2016
Platform Windows 10 (64 bit)
Report 161419
Date Mar-Apr/2016


Protection

Protection against malware infections (such as viruses, worms or Trojan horses) More information	March	April	Industry average
Protection against 0-day malware attacks, inclusive of web and e-mail threats (Real-World Testing) 164 samples used	100%	100%	97.0%
Detection of widespread and prevalent malware discovered in the last 4 weeks (the AV-TEST reference set) 22,795 samples used	100%	100%	99.0%
Protection Score			 6.0/6.0

Performance

Average influence of the product on computer speed in daily usage More information	Standard PC	Industry average	High end PC	Industry average
Slowing-down when launching popular websites 40 websites visited	17%	21%	12%	17%
Slower download of frequently-used applications 20 downloaded files	1%	6%	1%	5%
Slower launch of standard software applications 12 test cases applied	30%	15%	14%	13%
Slower installation of frequently-used applications 18 installed applications	18%	34%	12%	51%
Slower copying of files (locally and in a network) 8,603 files copied	5%	13%	5%	25%
Performance Score			 5.5/6.0	

Usability

Impact of the security software on the usability of the whole computer (lower values indicate better results) More information	March	April	Industry average
False warnings or blockages when visiting websites 500 samples used	0	0	0
False detections of legitimate software as malware during a system scan 1,217,779 samples used	0	0	3
False warnings concerning certain actions carried out whilst installing and using legitimate software 41 samples used	0		0
False blockages of certain actions carried out whilst installing and using legitimate software 41 samples used	0		0
Usability Score			 6.0/6.0