


During January and February 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 7 (SP1, 32 bit)
Report 160564
Date Jan-Feb/2016


Protection

Protection against malware infections (such as viruses, worms or Trojan horses) [More information](#)

| | January | February | Industry average |
|--|---------|----------|--|
| Protection against 0-day malware attacks, inclusive of web and e-mail threats (Real-World Testing) 213 samples used | 94.5% | 98.1% | 97.0% |
| Detection of widespread and prevalent malware discovered in the last 4 weeks (the AV-TEST reference set) 20,066 samples used | 99.8% | 99.9% | 99.0% |
| Protection Score | | |  5.0/6.0 |


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 50 websites visited | 27% | 20% | 18% | 20% |
| Slower download of frequently-used applications 20 downloaded files | 1% | 5% | 2% | 4% |
| Slower launch of standard software applications 14 test cases applied | 11% | 16% | 11% | 15% |
| Slower installation of frequently-used applications 20 installed applications | 33% | 32% | 38% | 43% |
| Slower copying of files (locally and in a network) 8,649 files copied | 14% | 14% | 4% | 22% |
| Performance Score | | |  5.0/6.0 | |

Usability

Impact of the security software on the usability of the whole computer (lower values indicate better results) [More information](#)

| | January | February | 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 1,328,235 samples used | 0 | 0 | 5 |
| False warnings concerning certain actions carried out whilst installing and using legitimate software 42 samples used | 0 | | 0 |
| False blockages of certain actions carried out whilst installing and using legitimate software 42 samples used | 0 | | 0 |
| Usability Score | | |  6.0/6.0 |