

Single Product Test



Symantec Norton Security Premium 22.6

Real-World Protection Test & File Detection Test
(including False-Alarm Test)

Language: English

February/March 2016

Last Revision: 12th April 2016

www.av-comparatives.org

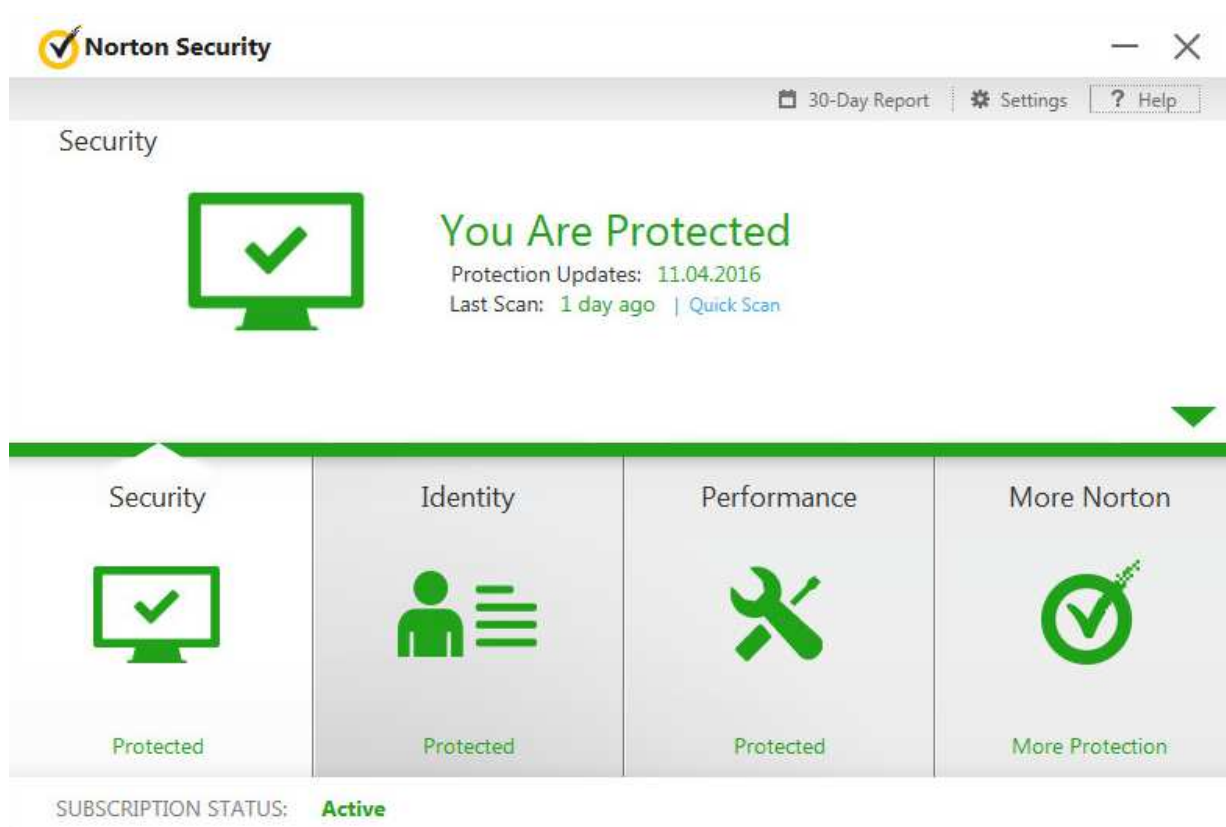
Introduction

We invited Symantec (along with all other major security-software vendors) to participate in our yearly public main-test series. Symantec have decided to take part in some of our other tests and reviews, but not in the main-test series. You will see results for these during the course of the year.

We frequently receive requests for test results for Symantec Norton Security (which has recently improved), and some computer magazines have commissioned us to conduct tests on this product. The commissioning journals have exclusive rights to the results of these tests, some of which we will publish with the magazines' approval. An overview of the results for Norton Security will be published by the several magazines at the end of the year.

Tested product

Tested Product: Symantec Norton Security Premium 22.6



- Date of File Detection Test: 3rd March 2016
- Test cases used in File Detection Test: 163,763
- Dates of Real-World Protection Test: February – March 2016
- Test cases used in Real-World Protection Test: 843

Real-World Protection Test

Our Real-World Protection Test is currently the most comprehensive and sophisticated anti-malware test available, and uses a large number of test cases. We run this test under Microsoft Windows 7 Home Premium SP1 64-Bit with up-to-date third-party software (such as Adobe Flash, Adobe Acrobat Reader, Java etc.). The results are based on the test set of **843** live test cases (malicious URLs found in the field), consisting of working exploits (i.e. drive-by downloads) and URLs pointing directly to malware. Thus, exactly the same infection vectors are used as a typical user would experience in everyday life. The test cases used cover a wide range of current malicious sites and provide insights into the protection given by the various products (using **all** their protection features) while the user is surfing the web. The results can be compared with the Real-World Protection Test results¹ available on the AV-Comparatives website (for the months of February and March 2016).

Real-World Protection Test Results (February + March)

Total protection rate:	99.3%	(1 miss and 11 user-dependent cases)
Total number of false alarms:	10	(7 FPs and 3 user-dependent FPs)

File Detection Test

The malware sets were frozen on the 24th February 2016 and consisted of **163,763** malware samples. The product had Internet/cloud-access during the test, was last updated on the 3rd of March 2016 and tested under Microsoft Windows 10 64-Bit. The results can be compared with the File Detection test report of March 2016 available on the AV-Comparatives website².

File Detection Test Results (March)

Total detection rate	99.1%
Number of false alarms:	44 (many)

¹ <http://chart.av-comparatives.org/chart1.php>

² http://www.av-comparatives.org/wp-content/uploads/2016/04/avc_fdt_201603_en.pdf

Graphical Overview



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For more information about AV-Comparatives and the testing methodologies, please visit our website.

(April 2016)