

Virus Bulletin

Covering the global threat landscape

VB100 TEST REPORT



K7 Computing

K7 Total Security



October 24, 2021



Test result
Test passed



Certification
100.00% malware detected



Clean
0.000% false alarms



Diversity
98.70% malware detected

Quick Summary

Product version

16.0.0686

Test date:

October 12, 2021

Test methodology

VB100 1.3 [Link](#)

Test platform

Microsoft Windows 10 Pro N, 64-bit, 10.0.19043

October 24, 2021

VB100 TEST REPORT



Executive summary

We tested **K7 Total Security** (version 16.0.0686) on October 12, 2021, on Microsoft Windows 10 Pro N, 64-bit, 10.0.19043, as per the 1.3 version of the VB100 methodology.

The tested product has successfully met the VB100 test criteria.

Test criteria:

- The product must detect at least 99.5% of all test cases in the Certification set (malicious samples).
- The product must not generate more than 0.05% false alarms in the Clean set (legitimate program samples).

Where to find more details






For detailed test results, please consult the rest of the report. You may also find the links below useful for up-to-date information on how to interpret the report data.

- **Report reader's guide** [Link](#)
Everything you find in this report, explained.
- **Testing methodology, version 1.3** [Link](#)
Learn exactly how we test.
- **VB100 on the web** [Link](#)
VB100 news and certified products.

Test sets and product response

The VB100 test uses multiple sets of malicious and clean test cases to verify the ability of the tested product to detect malware, and to do so without generating false alarms for legitimate programs.

AT A GLANCE

CERTIFICATION	CLEAN	DIVERSITY
Description	Description	Description
Common and prevalent Windows malware recently observed in the wild.	A random selection of some widely and less widely used legitimate program files.	Assorted malicious Windows executables, including less clear-cut cases and more obscure threats.
Type	Type	Type
		
Outcome	Outcome	Outcome
Pass 	Pass 	N/A
Detection rate	False alarm rate	Detection rate
100.00%	0.000%	98.70%
Best possible outcome: 100.00% Requirement: >= 99.5%	Best possible outcome: 0.00% Requirement: <= 0.05%	Best possible outcome: 100.00% Requirement: N/A supplementary

DETAILED TEST RESULTS

Total cases tested	Total cases tested	Total cases tested
1,437	100,000	1,000
Cases detected	Cases with false alarm	Cases detected
1,437	0	987
Cases missed	Cases without false alarm	Cases missed
0	100,000	13

TEST SET COMPOSITION

Windows PE executables	Windows PE executables	Windows PE executables
1,437	29,123	1,000
Other file types	Other file types	Other file types
0	70,877	0

October 24, 2021

VB100 TEST REPORT



Report notes

Report notes contain complementary information that may be of interest to the report reader. Likewise, any extraordinary circumstance—particularly, those that may affect the test results—are recorded in these notes.

During this test, no such notes were generated.



Virus Bulletin Ltd

Manor House, Office 6,
Howbery Business Park

Wallingford OX10 8BA,
United Kingdom

+44 20 3920 6348

editorial@virusbulletin.com

<https://www.virusbulletin.com/>

Head of Testing: Péter Karsai

Security Test Engineers: Gyula Hachbold, Adrian Luca, Csaba Mészáros, Ionuț Răileanu, Bálint Tanos

Sales Executive: Allison Sketchley

Editorial Assistant: Helen Martin