

VPN Packages for Private Users Put to the Test 2022

Version Information

Operating system setup and program version of tested products.

Developer, Distributor	NortonLifeLock	Kaspersky Lab
Product name	Norton Secure VPN	Kaspersky VPN Secure Connection
Language of the tested version	English	English
Program version Windows	6.0.0.21	21.7.7.393
Program version Android	3.6.3.16150	1.57.0.27
Operating system	Windows10 Pro (English), (64-Bit)	
Operating system Mobile	Android 11.0.0	

Usability

Features and tools to improve ease of use for the user.

Convenience

	Norton Secure VPN	Kaspersky VPN Secure Connection
Automatically reconnect after reboot.	+	+
Use previously used or set connection	+	+

Compatibility

	Norton Secure VPN	Kaspersky VPN Secure Connection
Native OS support Win (8/10/11) / MacOS / Linux / ChromeOS. ¹	+ / + / - / -	+ / + / +* / +*
Native Mobile OS support iOS / Android / AndroidTV / FireTV. ¹	+ / + / - / -	+ / + / +* / +*
Option for manual setup available (installation through configuration eg Router, OpenVPN app etc.). ¹	-	+*

¹ Provider information

* OpenVPN

Licensing

	Norton Secure VPN	Kaspersky VPN Secure Connection
Number of trial days available for. ¹	0 days	0 days
Money-back option available for how many days. ¹	30 days	30 days
Number of devices per license. ¹	1, 5 or 10	5
No registration required for the user.	-	(+)
Location AS (Japan) Payment Methods available Bank Transfer / Cash / Credit card / Crypto Currency / DebitCard / PayPal / Pre Paid Cards. ¹	- / - / + / - / - / - / -	- / + / + / - / + / - / -
Cost for subscription in AS, monthly / yearly / other periods (default 5 devices).	- / 3290Y / -	480Y / 2900Y / -
Location EU (Netherlands) Payment Methods available Bank Transfer / Cash / Credit card / Crypto Currency / DebitCard / PayPal / Pre Paid Cards. ¹	+ / - / + / - / + / + / -	+ / - / + / - / - / - / -
Cost for subscription in EU, monthly / yearly / other periods (default 5 devices).	- / 29.99€* / -	5€ / 30€ / -
Location US Payment Methods available Bank Transfer / Cash / Credit card / Crypto Currency / DebitCard / PayPal / Pre Paid Cards. ¹	- / - / + / - / + / + / -	- / - / + / - / - / - / -
Cost for subscription in US, monthly / yearly / other periods (default 5 devices).	- / 29.99\$* / -	4.99\$ / 30.00\$

¹ Provider information

* 49,99€ and 49,99\$ respectively in the second year

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Location of Servers

	Norton Secure VPN	Kaspersky VPN Secure Connection
Number of countries with server.¹	29	72
Number of server locations.¹	29	90

¹ Provider information

Additional (Win/Android)

	Norton Secure VPN	Kaspersky VPN Secure Connection
Automatic network protection (e.g. unencrypted Wifi)	- / +	+ / +
Specific App or data protection (Inverse Split Tunneling, Split Exclude).	- / -	+ / +
Ability to add exceptions to routing through VPN tunnel (split-tunnelling).	- / +	+ / +

Support

	Norton Secure VPN	Kaspersky VPN Secure Connection
Chat / Forum / Contact support	+ / + / +	+ / + / +
Support torrents / Accessible from all locations	+ / -	+ / +
Support IPv6 addressing	-	-
Can the VPN be used to watch geo-blocked video content? (tested for the US only)	+	+
Can the VPN be used to watch Netflix across geo-locations? (tested for US Netflix)	+	+

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Security

Detailed information on how well does the product secures the real user IP, as well as help, protect the user.

DNS Leak Test

	Norton Secure VPN	Kaspersky VPN Secure Connection
Not possible to see the internet provider (Win/Android).	+*	+ / +

IP Address & Kill switch leak

	Norton Secure VPN	Kaspersky VPN Secure Connection
Kill switch option available. (Win)	+	+
Kill switch disables connection until the VPN is established.	+*	+
Kill switch duration disconnected in seconds.	0*	0
Kill switch disables connection until the VPN is established. 0sec / 10sec / 300sec	+ / + / +*	+ / + / +
Kill switch duration disconnected in seconds.	0 / 0 / 0*	0 / 0 / 0
Kill switch option available. (Android)	+	+
Kill switch disables connection until the VPN is established.	+	+
Kill switch duration disconnected in seconds.	0	0
Kill switch disables connection until the VPN is established. 0sec / 10sec / 300sec	+ / + / +	+ / + / +
Kill switch duration disconnected in seconds.	0 / 0 / 0	0 / 0 / 0

* DNS Leak upon reconnecting

WebRTC leak

	Norton Secure VPN	Kaspersky VPN Secure Connection
Protection against browser IP leak. (Win/Android)	+ / +	+ / +

P2P & Torrent Protection

	Norton Secure VPN	Kaspersky VPN Secure Connection
Protection against torrent IP leak. (Win/Android)	+ / +	+ / +

Email Leak

	Norton Secure VPN	Kaspersky VPN Secure Connection
Protection against email IP leak (Win/Android)	+ / +	+ / +

False Positive Detection Test

	Norton Secure VPN	Kaspersky VPN Secure Connection
Number of files classified by AV as threatening/dangerous. (Win/Android)	0 / 0	0 / 0
Number of files classified by AV as potentially dangerous. (Win/Android)	0 / 0	0 / 0

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Privacy

Details regarding user privacy are provided by the VPN provider.

Logging

	Norton Secure VPN	Kaspersky VPN Secure Connection
General statement of no personal user data is logged. ¹	+	+
How long will logged data be stored. ¹	n/a	n/a

¹ Provider information
n/a not applicable

Server Tunnel and Encryption

	Norton Secure VPN	Kaspersky VPN Secure Connection
Available VPN protocols ¹	Default Wireguard	Win/Mac – Hydra Android/iOS/native - OpenVPN
How is the data encrypted ¹	256-bit AES encryption	256-bit AES encryption

¹ Provider information

Performance

Speeds measured for seven consequential days, testing multiple times during a day.

Local connection measures, Asia to Asia, EU to EU and US to US

	Reference	Test Average	Norton Secure VPN	Kaspersky VPN Secure Connection
Torrent Average (KB/s)	26091,82	15151,65	n/a	21006,69
Latency Average (ms)	1,81	7,62	10,95	5,36
Download Average (Mb/s)	8229,75	905,25	1357,19	1430,55
Upload Average (Mb/s)	7326,80	771,94	1005,08	1614,71

n/a not applicable, not tested on designated torrent server

Local connection measures, Asia to EU and US, EU to Asia and US and US to Asia and EU

	Reference	Test Average	Norton Secure VPN	Kaspersky Secure Connection
Torrent Average (KB/s)	n/a	11710,06	n/a	16244,40
Latency Average (ms)	158,96	171,93	174,34	168,94
Download Average (MB/s)	3550,39	536,57	551,06	1358,17
Upload Average (MB/s)	558,63	220,91	234,28	143,33*

n/a not applicable or not tested on designated torrent server.

* At the time of testing, Kaspersky Secure Connection had an overseas server performance issue to be patched soon according to the vendor.

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Transparency

How transparent and open are the vendors with their company information and privacy policies.

Transparency Report

	Norton Secure VPN	Kaspersky VPN Secure Connection
Transparency Report made available.	-	+
Previous reports available.	-	+
At least annually updated	n/a	21.09.2022
Requests for data during the last transparency report period.	n/a	10*
Information about data shared during the last transparency report period.	n/a	0

n/a not applicable

* with respect to all Kaspersky products

Warrant Canary

	Norton Secure VPN	Kaspersky VPN Secure Connection
Warrant Canary available / Date last updated provided.	- / -	- / -
If not, has it ever been available?	-	-

Independent Audit

	Norton Secure VPN	Kaspersky VPN Secure Connection
Have there been relevant independent audits?	-	+
Proprietary protocol audit?	n/a	-
Who / When / Published? / Issues found and fixed?	n/a	-
Security and Privacy policies audits?	n/a	-
Who / When / Published? / Issues found and fixed?	n/a	-
Other relevant audits?	n/a	+
Who / When / Published? / Issues found and fixed ?	n/a	- / 2022-05-18 / - / unknown

n/a not applicable

Company Details

	Norton Secure VPN	Kaspersky VPN Secure Connection
CEO details	+	+
Board of Directors or Management Team details	+	+
No Third-Party Investors	+	+
Official Address	+	+
Main offices information provided ¹	NortonLifeLock Inc., 60 E Rio Salado Pkwy STE 1000, Tempe, AZ 85281	39A/2 Leningradskoe Shosse Moscow, 125212 Russian Federation
Additional offices information provided ¹	+	+
Jurisdiction	USA	Russia
Company Founding date information available. ¹	1982	1997
Parent Company	-	-
Parent Company Jurisdiction	n/a	n/a
Separate Privacy Statement	+	+
Privacy Statement Date	11.07.2022	28.02.2022
Provided contact details for the data protection office.	+	+
Provided information on data collection.	+	+
The purpose for data collection specified.	+	+
Expiration information for data collected provided.	+	+
Information provided about how the data is kept safe (Data -security and -integrity, Incident Response plan etc.)	+	+

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Information provided on data sharing or selling and if so the purpose and receiving party	+	+
Information about third parties collecting personal information?	+	+
Information about third-parties collecting of personal information and if so the purpose and receiving party.	+	+

n/a not applicable

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