

Anti-Virus 2012

Documentation for the training courses

Interface of Kaspersky Anti-Virus 2012

Online course: http://support.kaspersky.com/kav2012/ecourse

Table of Contents

Interface of Kaspersky Anti-Virus 2012	2
Application icon in the Microsoft Windows taskbar notification area	2
Main window of Kaspersky Anti-Virus 2012	6
Enabling and disabling protection for the "cloud" (Kaspersky Security Network service)	8
Notification windows and pop-up messages	11
The application settings window	15
News agent of Kaspersky Anti-Virus 2012	16
Kaspersky Gadget	18

Interface of Kaspersky Anti-Virus 2012

The interface of the main application window in KAV 202 has been considerably improved. The modern animated design eases perception of the information and allows to simplify operational process of the product.

Now in the main window you can see all the necessary information about the computer protection status, activity of the protection components, up-to-dateness of the anti-virus databases and the license expiry date. Additionally, you can view recommendations on how to configure the components and perform other actions, as well as check the status of the cloud protection technologies (whether the service is enabled or disabled).



Let's view the following main elements of KAV 2012 in detail:

- Application icon in the Microsoft Windows taskbar notification area
- Main window of Kaspersky Anti-Virus 2012
- Kaspersky Security Network (KSN) service
- Notification windows and pop-up messages
- Application settings window
- News agent of Kaspersky Anti-Virus 2012
- Kaspersky Gadget

Application icon in the Microsoft Windows taskbar notification area

Immediately after installation of KAV 2012, the application icon appears in the Microsoft Windows taskbar notification area.



In Microsoft Windows 7 the application icon is hidden by default, you can display the icon to work with the application (see documentation to the operating system).

8 K		
Customize		
	10:43 AM 6/16/2011	

The icon performs the following functions:

- is an indicator of the application's operation;
- ▶ provides access to the context menu, the main application window and the news window.

This icon serves as an indicator of the application's operation. It also indicates the protection status and displays the basic functions currently being performed by the application:

- scanning an email message;
- Ka scanning web traffic;
- Ko updating databases and application modules;
- K computer needs to be restarted to apply updates;
- a failure occurred in the operation of an application component.

The icon is animated by default. For example, during the email message scan, a tiny letter symbol blinks in front of the application icon; when the update is in progress, you see a revolving globe. You can disable the animation the following way:

1. Open the main application window and in top right corner of the window click the **Settings** link.



- 2. In the top part of the **Settings** window select the **Advanced Settings** section and the **Appearance** subsection.
- 3. In the Icon in the taskbar notification area section uncheck the **Animate taskbar icon when executing tasks** box.

🖌 Settings	_ ×
🏮 🔍 🧭 👩	Kaspersky Anti-Virus Display Settings
Advanced Settings	You can configure display settings for active elements of Kaspersky Anti-Virus interface (application icon on Microsoft Windows taskbar and pop-up notifications).
O Threats and Exclusions	– Icon in the taskbar notification area
🔯 Self-Defense	✓ Animate taskbar icon when executing tasks
🔋 Battery Saving	Enable semi-transparent windows
💟 Compatibility	Show "Protected by Kaspersky Lab" on Microsoft Windows logon screen
록 Network	
Notifications	Enable news notifications
Reports and Storages	
🖘 Feedback	
Gaming Profile	
Appearance	
💾 Manage Settings	
Help Restore	OK <u>C</u> lose Apply

4. Click the **OK** button, to save the made changes.

When the animation is disabled, the icon can take the following form:

K (colored symbol) — all or certain protection components are activated;

K (black-and-white symbol) — all protection components are disabled.

Using the icon, you can open the context menu and the main application window.

- ► To open the **context menu**, hover the cursor over the icon and **right-click** the area.
- ► To open the **main application window**, hover the cursor over the icon and left-click the area.

Using the context menu, you can quickly take various actions on the application.



The Kaspersky Anti-Virus 2012 menu contains the following items

- Task Manager opens the Task Manager window, in which you can view the list of performed or being performed scan tasks. Task Manager appears in KAV 2012 for the first time.
- **Update** runs the update of application databases and modules.
- ▶ Virtual Keyboard displays the Virtual Keyboard.
- **Kaspersky Anti-Virus** opens the main application window.

- Pause protection / Resume protection temporarily disables / enables real-time protection components. This menu item does not affect the application's updates or the execution of virus scans.
- **Settings** opens the application settings window.
- ► About opens a window containing information about the application.
- News opens the News Agent window. This menu item is displayed if there is unread news. Exit – closes Kaspersky Anti-Virus 2012 (when this item is selected, the application is unloaded from the computer's RAM).

If a virus scan or update task is running at the moment that you open the context menu, its name as well as its progress status (percentage complete) is displayed in the context menu. When you select a menu item with the name of a task, you can switch to the main window with a report of current task run results.



Main window of Kaspersky Anti-Virus 2012

The main application window contains interface elements that provide access to all the main features of the application.

You can open the main application window one of the following ways:

By left-clicking the application icon in the Microsoft Windows taskbar notification area. In Microsoft Windows 7 the application icon is hidden by default. To work with the application, display the application icon (see the documentation to the operating system).



By selecting Kaspersky Anti-Virus from the context menu of the application icon in the Microsoft Window taskbar notification area.



 By clicking the monitor icon located in the center of the Kaspersky Gadget (only for Microsoft Windows Vista and Microsoft Windows 7).



The main window can be divided into two parts:

The top part of the window provides information about the protection status of your computer.



In the bottom part of the window, you can quickly switch to using the main features of the application (for example, running virus scan tasks, updating databases and software modules).

			^	
	Q	Ó	*	
	Scan	Update •	Tools	Virtual Keyboard
Help	Support My Kaspersk	y Account		Manage License

If you select any of the sections in the bottom part of the window, the window of the corresponding function opens. You can return to selecting functions by clicking the **Back** button in the top left corner of the window.



You can also use the following buttons and links:

Kaspersky Anti-Virus 2012

- Cloud protection to switch to information about Kaspersky Security Network. This element displays access status to the Kaspersky Lab services on the Internet.
- **Settings** to open the application settings window.
- **Reports** to switch to the application operation reports.
- News to switch to viewing news in the News Agent window. This link is displayed after the application receives a piece of news.
- ▶ Help to view the Kaspersky Anti-Virus help system.
- My Kaspersky Account to enter the user's personal account on the Technical Support Service website.
- Support to open the window containing information about the system and links to Kaspersky Lab information resources (Technical Support Service website, forum).
- ▶ Manage License to go to Kaspersky Anti-Virus activation and license renewal.



Enabling and disabling protection for the "cloud" (Kaspersky Security Network service)

To increase the efficiency of your computer's protection, Kaspersky Anti-Virus 2012 uses data received from users from all over the world. **Kaspersky Security Network** is designed for collecting those data and thus provides **Cloud protection**.

Kaspersky Security Network (KSN) is a global service of the operative threat analysis that unites millions of users all over the world.

When KAV 2012 detects suspicious or not scanned data on a computer of a KSN participant, it automatically sends such data to Kaspersky Lab where virus analysts analyze potential threats round the clock and release protection updates for customers in real time.

User participation in Kaspersky Security Network enables Kaspersky Lab to gather real-time information about the types and sources of new threats, develop methods to neutralize them, and

reduce the number of false positives. The more users participate in KSN, the safer cloud protection is for all the participants.

Thus, KSN allows the user to obtain:

- Additional level of protection;
- Operative data about applications reputation;
- Operative data about sites reputation;
- ► On-the-fly response to appearance of new threats.

To know the current operational status of the **Kaspersky Security Network** service, perform the following actions:

1. In the main application window click the **Cloud protection** button.

KA)PEK)KI 🧕	CLOUD P	ROTECTION	Reports Setting
	Comput ✓ Threats: m ✓ Protection ✓ Database ✓ License: 4	eer is protected none n components: enabled s: up to date 15 days remaining	ł
Q	$\langle \rangle$	*	

 In the left part of the Cloud Protection window you can see the current service status – Connected/Disconnected. In the right part of the window you can view the information received by the service for the time being. To get more information about the cloud protection technology of Kaspersky Security Network (KSN), click the Get more information link.



User participation in Kaspersky Security Network allows **Kaspersky Lab** to operatively collect information about types and sources of new threats, develop disinfection methods, and decrease the number of false alerts.

No privacy data are collected, processed, or stored.

Participating in the Kaspersky Security Network is voluntary. You should decide whether to participate when installing Kaspersky Anti-Virus; however, you can change your decision at any time later.

To participate/ not participate in the Kaspersky Security Network service, perform the following actions:

- 1. Open the application settings window by clicking the **Settings** link in the top right corner of the main application window.
- 2. In the top part of the window select the **Advanced settings** section, by clicking the icon



- 3. Select the Feedback subsection.
- 4. In the right part of the window check/uncheck the **I agree to participate in Kaspersky** Security Network box.

K Settings	_ ×
I S I C	Feedback to Kaspersky Security Network
Advanced Settings Threats and Exclusions Self-Defense Battery Saving Compatibility Retwork Notifications Reports and Storages Feedback Gaming Profile Appearance Manage Settings	Kaspersky Security Network (KSN) is an infrastructure of online services that provide up-to-date information on the security of files, web resources and software. Using data from KSN speeds up reaction to recent threats, enhances the performance of some protection components and reduces the risk of false-positive detections. When you participate in KSN, information about virus infections and other problems, as well as extended statistics on loaded or executed applications (according to the list specified in the <u>KSN Data Collection Statement</u>), are automatically sent to Kaspersky Lab. Kaspersky Security Network does not collect or process any personal user information. It agree to participate in Kaspersky Security Network
Help Restore	OK <u>C</u> lose Apply

5. Click the **OK** button, to save the changes.

Notification windows and pop-up messages

Kaspersky Anti-Virus 2012 notifies you of important events occurring during its operation using **notification windows** and **pop-up messages** that appear over the application icon in the taskbar notification area.

Notification windows are displayed by Kaspersky Anti-Virus 2012 when various actions can be taken in connection with an event: for example, if a malicious object is detected, you can block access to it, delete it, or try to disinfect it. The application prompts you to select one of the available actions. A notification window only disappears from the screen if you select one of the actions.



Pop-up messages are displayed by Kaspersky Anti-Virus 2012 in order to inform you of events that do not require you to select an action. Some pop-up messages contain links that you can use to take an action offered by the application: for example, run a database update or initiate activation of the application). Pop-up messages automatically disappear from the screen soon after they appear.



Depending on the importance of an event for the viewpoint of the computer's security, notifications and pop-up messages are divided into three types:

- Critical notifications inform you of events that have a critical importance for the computer's security, such as detection of a malicious object or a dangerous activity in the system. Windows of critical notifications and pop-up messages are red-colored.
- Important notifications inform you of events that are potentially important for the computer's security, such as detection of a potentially infected object or a suspicious activity in the system. Windows of important notifications and pop-up messages are yellow-colored.
- Information notifications inform you of events that do not have critical importance for the computer's security. Windows of information notifications and pop-up messages are green-colored.

To configure notifications settings, perform the following actions:

1. Open the application settings window by clicking the **Settings** link in the top right corner of the main application window.

.

2. <u>In the top part of the window select the **Advanced settings** section, by clicking the icon</u>

and then select the Notifications subsection.



- 3. In the right part of the window you can:
 - Select events whose notifications should be displayed, accompanied by audio or sent to the user's email address.
 For this, check the Enable events notifications box and click the Settings button.
 Click the OK button, to save the changes.

Notifications			_		X
Event	Sc	So	Email		~
Critical events	~	~			
Malware detection	~	~			
Malware modifications	~	✓			
Disinfection impossible	~	✓			
License has expired	~	✓			
Network attack detected	~	✓			
Databases are obsolete	~	✓			
Parental Control	~	✓			
Functional failure	~	~			
License is missing or invalid	~	~			
Update error	~	~			
Task cannot be executed	~	✓			
Databases are missing or corrupted	~	✓			
Important events	✓				
Detection of adware, spyware	~				
License expires soon	~				~
elp		0	ĸ	<u>C</u>	ose

Configure sending notifications to the user's email address. For this, check the Enable email notifications box and click the Settings button. Specify the necessary data to send notifications and the delivery mode. Click the OK button.

K Email notification s	ettings		×
- From-			
<u>A</u> ddress:			
SMTP server:		Po <u>r</u> t: 2	5 🛟
User <u>n</u> ame:			
Pass <u>w</u> ord:			
- To			
A <u>d</u> dress:			Test
– Send mode –			
Immediately when	n event occurs	_	
O By schedule (sche	edule not specified)	<u>[</u>	<u>C</u> hange
Help		ок	<u>C</u> lose

► Enable or disable **audio notifications** using the corresponding checkbox.

The application settings window

The Kaspersky Anti-Virus 2012 settings window is designed for configuring the entire application and separate protection components, scanning and update tasks.

To open the settings window, click the **Settings** button in the top part of the main application window or select the **Settings** item from the application context menu in the Windows taskbar notification area.

KA	\$PER\$KY ₫		US 2012	Q − × LI Ø Reports Settings	
		Comput	ar io protosto	4	Task Manager
		✓ Threats: n	one	1	Update 2%
		✓ Databases ✓ License: 4	: up to date 5 days remaining		Virtual Keyboard
					Kaspersky Anti-Virus
					Pause protection
	_	-			Settings
0	<u>a</u> l	Q	×		About
	Scan	Update •	Tools	Virtual Keyboard	Exit
Help S					

The application settings window consists of three parts.

🖌 Settings	_ ×
0 9 0 6	General Protection Settings
Protection Center	By default Kaspersky Anti-Virus starts on system startup and protects your computer during the working session.
 General Settings File Anti-Virus 	✓ Enable protection
Mail Anti-Virus	Interactive protection Select action automatically
🐖 IM Anti-Virus 👜 System Watcher	Do not delete <u>s</u> uspicious objects
Proactive Defense	Enable gassword protection
	Launch Kaspersky Anti-Virus at computer startup
	─ Virtual Keyboard ✓ Open <u>V</u> irtual Keyboard on "CTRL+ALT+SHIFT+P"
Help Restore	OK <u>C</u> lose Apply

In the left top part of the window you can choose the application section that should be configure:









In the left part of the window you can choose the application component, task or another item that should be configured.

K Settings	_ ×
0 9 0 6	General Protection Settings
Protection Center	By default Kaspersky Anti-Virus starts on system startup and protects your computer during the working session.
 General Settings File Anti-Virus 	▼ Enable protection
Mail Anti-Virus Web Anti-Virus	Select action automatically
 In Altervices System Watcher Proactive Defense 	Password protection Enable password protection
	Settings - Autorun ✓ Launch Kaspersky Anti-Virus at computer startup - Virtual Keyboard ✓ Open Virtual Keyboard on "CTRL+ALT+SHIFT+P"
Help Restore	OK <u>C</u> lose Apply

In the right part of the window contains the controls that you can use to configure the item selected in the left part of the window.

K Settings	_ ×
0 9 0 6	General Protection Settings
Protection Center	By default Kaspersky Anti-Virus starts on system startup and protects your computer during the working session.
 General Settings File Anti-Virus Mail Anti-Virus Web Anti-Virus IM Anti-Virus System Watcher Proactive Defense 	✓ Enable protection - Interactive protection □ Select action automatically ✓ Do not delete guspicious objects - Password protection □ Enable gassword protection Settings,,, - Autorun ✓ Launch Kaspersky Anti-Virus at computer startup - Virtual Keyboard
Help Restore	Open Virtual Keyboard on "CTRL+ALT+SHIFT+P" OK Glose Apply

News agent of Kaspersky Anti-Virus 2012

Using News Agent, Kaspersky Lab informs you of all important events related to KAV 2012 and protection against computer threats.

Viewing Kaspersky Lab news in KAV 2012 has become more convenient. To view the news you only have to click the News button in the main application window. The list of news will be displayed directly in the main application window and not in the Internet browser as in earlier versions.

The **News** button is available only if you have unread news.

If you do not want to receive any news, you can disable news delivery the following way:

1. Open the main application window and click the **Settings** link in the top right corner of the window.



- 2. In the top part of the **Settings** window select the **Advanced Settings** section and then select **Appearance**.
- 3. In the right part of the window uncheck the **Enable news notification** box.

K Settings	_ ×					
I S I 🖉 💼	Kaspersky Anti-Virus Display Settings					
Advanced Settings	You can configure display settings for active elements of Kaspersky Anti-Virus interface (application icon on Microsoft Windows taskbar and pop-up notifications).					
O Threats and Exclusions	– Icon in the taskbar notification area					
🔇 Self-Defense	✓ Animate taskbar icon when executing tasks					
🔋 Battery Saving	Enable semi-transparent windows					
💟 Compatibility	Show "Protected by Kaspersky Lab" on Microsoft Windows logon screen					
🝷 Network						
Notifications	Finable news polifications					
📃 Reports and Storages						
🖘 Feedback						
M Gaming Profile						
Appearance						
💾 Manage Settings						
Help Restore	OK Cancel Apply					

4. Click the **OK** button, to save the made changes.

Kaspersky Gadget

When using Kaspersky Anti-Virus 2012 on a computer running under Microsoft Windows Vista or Microsoft Windows 7, you can also use the Kaspersky Gadget (hereinafter the *gadget*).

The Kaspersky Gadget is designed for quick access to the main features of the application (for example, protection status indication, virus scanning of objects, application operation reports and etc).

Kaspersky Gadget can be in larger or smaller size.





Smaller size of Kaspersky Gadget

Larger size of Kaspersky Gadget

To maximize the gadget, hover the mouse on the gadget and in the pop-up panel to the right of the gadget, click the button with an arrow in a square **2**.

To minimize the gadget, hover the mouse on the gadget and in the pop-up panel to the right of the gadget, click the button with an arrow outside a square .

To remove the gadget from the Desktop, click the button with a cross \mathbf{X} .

The gadget can be returned to the Desktop from the list of gadgets. To open the list of gadgets, open the desktop context menu and select Gadgets. In the list of Gadgets choose Kaspersky Gadget.

				Page 1 of 1	\triangleright	Search gadgets	◄ ٩
	View	۰.	Sor	ne gadgets acco ement online.	ess the Internet. For m	nore information, see	the privacy
	Sort by Refresh	•		GCT 06 P 4 GCT 06 P 5 M T W T 1 S 4 3 S 2 N S <	\bigotimes	٩	5 m
	Paste			Calendar	Clock	CPU Meter	Currency
	Paste shortcut	Ctrl+7		National Control and a second se			
	ondo copy		F	eed Headlines	Kaspersky Gadget	Picture Puzzle	Slide Show
	New	+			Movies Tolovision		
1	Screen resolution			\bigcirc	Music Module Mode Carler		
	Gadgets			Weather	Windows Media		
2	Personalize		۲	Show details		Q Get mor	e gadgets online

After you install Kaspersky Anti-Virus 2012 on a computer running under Microsoft Windows 7, the gadget appears on your desktop automatically. After you install the application on a computer running under Microsoft Windows Vista, you should add the gadget to the Microsoft Windows Sidebar manually (see the operating system documentation).

The Gadget color indicator displays your computer's protection status in the same manner as the indicator in the main application window.



Green indicates that your computer is duly protected, while yellow indicates that there are protection problems, and red indicates that your computer's security is at serious risk. Gray indicates that the application is stopped



While updating the application databases and software modules, a revolving globe-shaped icon is displayed in the center part of the gadget.



Using the gadget monitor you can perform the following main tasks:

- Start the application if its operation was paused;
- ▶ open the main application window;
- scan individual objects for viruses;
- ▶ open the news window.

To start KAV 2012 using the gadget, click the **Enable** icon located in the center of the gadget.



To open the main application window using the gadget, click the monitor icon in the center area of the gadget.



To scan an object for viruses using the gadget, drag the object to scan onto the gadget. The progress of the task will be displayed in the **Task Manager** window.

K Task Manager	_ ×
Custom Scan 🗸	
Objects: C:\Users\User\Desktop\1.txt	
Completed: <1 minute ago	
Scanned: 1 file	
Threats: none	
Help	Clear list Close

To open the news window using the gadget, click the mail icon \bowtie , displayed in the center of the gadget when news appears.

By default, the gadget has four buttons:

🔘 — Update	
📁 — Task Manager	
— Reports	
🗢 — Settings	

You can specify the necessary actions for one or all buttons of the gadget. To configure the gadget, perform the following actions:

- 1. Hover the cursor over the gadget.
- 2. In the pop-up panel that appears in the upper right corner of the gadget block click the button with a wrench image **N**.



3. In the Kaspersky Gadget window configure the buttons, by selecting actions that should be performed when you click those buttons.



The following tasks are available in the drop-down menu:

- Reports
- Settings
- Pause Protection
- Virtual Keyboard
- Run update
- ► Task Manager
- 4. Click the **OK** button to save the changes.

Kaspersky Gadget in its large size allows to quickly launch the following tasks:

- Pause Protection
- Virtual Keyboard
- Run update
- Task Manager



Using the buttons **Reports** and **Settings**, available in the top right part of the gadget, you can go to the application reports and settings windows.