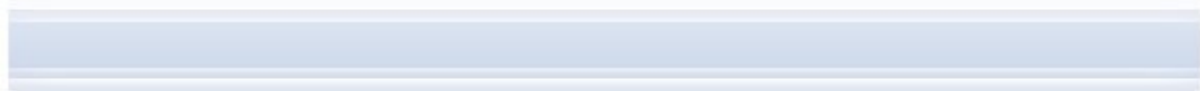


**USER'S GUIDE FOR
Nokia PC Suite 6.84**

NOKIA

Contents

| | |
|---|-----------|
| 1. Introduction | 1 |
| 1.1 Nokia PC Suite applications | 1 |
| 1.2 Must haves | 2 |
| 1.3 More information | 4 |
| 2. Installing Nokia PC Suite | 5 |
| 2.1 Before installation | 5 |
| 2.2 Installing Nokia PC Suite from a CD-ROM | 5 |
| 2.3 Installing Nokia PC Suite from the Web | 6 |
| 2.4 Uninstalling Nokia PC Suite | 6 |
| 2.5 Changing the language used in Nokia PC Suite | 7 |
| 3. Installing drivers | 8 |
| 3.1 Updating infrared modem driver | 8 |
| 4. Connecting your phone and PC | 10 |
| 4.1 Selecting a connection type | 10 |
| 4.2 Connecting your phone via cable | 11 |
| 4.3 Connecting your phone via infrared | 11 |
| 4.4 Connecting your phone via Bluetooth | 11 |
| 4.4.1 Pairing devices for Bluetooth connection | 12 |
| 4.5 Connection status | 12 |
| 5. Using Nokia PC Suite | 13 |
| 5.1 Opening Nokia PC Suite applications | 13 |
| 5.2 Backing up phone contents on a PC | 15 |
| 5.3 Synchronizing data between your phone and a PC | 15 |
| 5.4 Connecting to the Internet using your phone | 17 |
| 5.5 Installing applications on your phone from a PC | 18 |
| 5.6 Managing phone contents on a PC | 18 |
| 5.7 Adding contacts to your phone from a PC | 19 |
| 5.8 Sending text messages from a PC | 20 |
| 5.9 Viewing multimedia files on a PC | 20 |
| 5.10 Storing images from your phone to a PC | 21 |
| 5.11 Transferring music from a CD to your phone | 21 |
| 6. Terms and abbreviations | 23 |
| 7. Safety notes | 23 |
| INDEX | 24 |












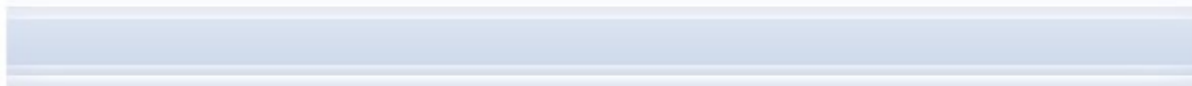
1. INTRODUCTION




This guide provides instructions about how to install Nokia PC Suite, connect your phone to the PC, and start using Nokia PC Suite applications.

1.1 Nokia PC Suite applications

With Nokia PC Suite you can edit, store, and synchronize your Nokia mobile phone data with a Microsoft Windows based PC system. Nokia PC Suite consists of the following applications:

| With Nokia PC Suite you can | In which application | Icon |
|--|---|---|
| Back up personal data from your phone to a PC. Restore personal data from your PC to any supported phone. | Backup (Nokia Content Copier) |  |
| Synchronize personal data between a phone and a PC. | Synchronize (Nokia PC Sync) |  |
| Use your phone as a modem to connect your PC to the Internet. | Connect to the Internet (One Touch Access) |  |
| Install games and other programs from the PC on your phone. | Install applications (Nokia Application Installer) |  |
| Transfer files between the phone and the PC. View your phone files and folders on the PC. | File manager (Nokia Phone Browser) |  |
| Create, view, delete, or edit contacts on the PC. | Contacts (Nokia Phone Browser Contacts view) |  |
| Send text messages from your PC. View, delete, and organize text messages on the PC. | Messages (Nokia Phone Browser Messages view) |  |
| Open images, video clips, multimedia messages, and audio files. Create playlists of your favorite multimedia files. Save video and audio files in a format you can use in both your phone and in MMS messages. | View multimedia (Nokia Multimedia Player) |  |
| Store images and video clips from your phone on a PC. | Store images (Image Store) |  |



| With Nokia PC Suite you can | In which application | Icon |
|--|---|---|
| Rip CDs, create and organize music tracks on a PC and transfer them to your phone. Convert music tracks into a format that can be played on your phone. | Transfer music (Nokia Music Manager) |  |
| Manage connections between your phone and the PC. | Manage connections (Nokia Connection Manager) |  |
| Check the Internet for phone software updates, and update your phone software for additional functionality and improved performance. | Update phone software (Nokia Software Updater) |  |

For information on the tasks that you can perform with Nokia PC Suite applications, see application helps, and section 5, *Using Nokia PC Suite* in this guide.



Note: Nokia Multimedia Player, Image Store, and Nokia Music Manager are not included in Nokia PC Suite Starter Edition.

1.2 Must haves

| To do this | You must have |
|--|--|
| To install and run Nokia PC Suite | Windows 2000 with Service pack 4 or Windows XP 32 & 64 bit (Professional or Home Edition), or Windows Vista 32 & 64 bit Windows 2000 with Service Pack 4, or Windows XP 32 & 64 bit (Professional, Home Edition, Media Center Edition or Tablet PC Edition), or Windows Vista 32 & 64 bit At least 200 MB of free disk space Administrator rights to the PC to install Nokia PC Suite |
| To connect your phone to a PC | At least one of the following connection sets <ul style="list-style-type: none"> • USB connection cable (DKU-2, DKE-2, CA-53, CA-70 or CA-101) and a compatible port on your PC • Serial connection cable CA-42 and a compatible port on your PC • Infrared (IrDA) port on your PC • Bluetooth wireless technology equipment and software |
| To install drivers for connectivity cables | Windows 2000 with Service Pack 4 Windows XP with Service Pack 1 or Service Pack 2 Administrator rights to the PC |

| To do this | You must have |
|---|--|
| <p>To create a Bluetooth wireless technology connection between your phone and a PC</p> | <p>Bluetooth wireless technology equipment compatible with one of the following Bluetooth stacks:</p> <ul style="list-style-type: none"> • Microsoft Bluetooth (included in Windows XP Service Pack 2) • Toshiba Bluetooth Stack for Windows XP/2000 version 4.0, 5.x • Widcomm BTW 1.4, 3.0, 4.0, 5.0 • IVT BlueSoleil Bluetooth stack for Windows XP/2000, driver version 2.3 <p>Note: With 64 bit Windows, only Microsoft Bluetooth is supported.</p> <p>Note: Available Bluetooth technologies and their versions may not be supported by your Nokia mobile device. Check your Nokia mobile device user guide for further details about compatibility with the listed Bluetooth technologies.</p> <p>To check which Bluetooth stack your PC has installed: in the Nokia PC Suite main window, click Help > About Nokia PC Suite > System info... If the Bluetooth stack found on your PC is not supported by Nokia PC Suite, this is also mentioned in the system info.</p> |
| <p>To perform tasks with Nokia PC Suite applications</p> | <p>A compatible phone. Certain features can only be used with phone models that support those features. For example, not all phone models support sending multimedia messages.</p> <p>To check which versions of Nokia PC Suite, Nokia PC Suite applications, and connection types your phone model supports, see www.nokia.com/pcsuite/compatibility.</p> |



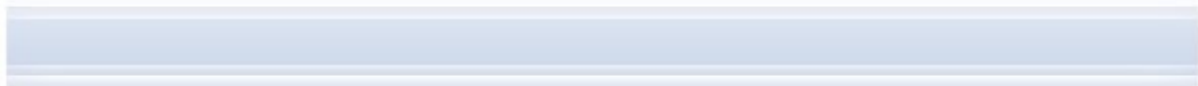
Note: You should use the same language in the phone, the operating system, and Nokia PC Suite, if possible. This allows your phone to function properly with all Nokia PC Suite applications.



Note: Always make sure you use original Nokia cables with Nokia PC Suite to secure reliable operation of the Nokia PC Suite applications. Check the labeling on your cable.



Note: All references to a PC in this guide apply equally to a laptop computer.



1.3 More information

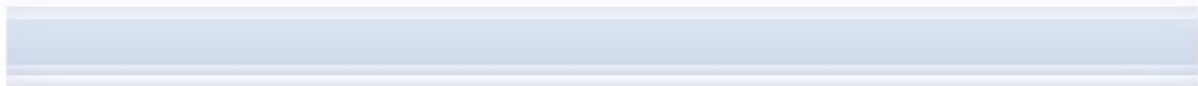
For more information about Nokia PC Suite, see the following sources:

- **Nokia PC Suite help**, which contains more detailed instructions on using Nokia PC Suite. To open, click **Help > Help topics**, click Help button in a window, or press F1 in Nokia PC Suite applications.
- **Tutorial for Nokia PC Suite**, which contains step-by-step demos of Nokia PC Suite applications. To open, click **Web > PC Suite tutorial** in the Nokia PC Suite main window. To use the tutorial you must have an Internet connection.
- **Nokia PC Suite FAQ Search**, which contains Nokia PC Suite troubleshooting information. To access the information, click **Web > PC Suite on the web > PC Suite FAQ** in the Nokia PC Suite main window. To browse the FAQ search database, you must have an Internet connection.

For information about how to use your Nokia mobile phone, see the phone's user's guide.



Note: Read the Note texts marked like this one carefully, as they often contain information that may help you to avoid potential problems.



2. INSTALLING NOKIA PC SUITE

You can install Nokia PC Suite from a CD-ROM, or from the Nokia PC Suite Web page at www.nokia.com/pcsuite. You need administrator rights to your PC to be able to install software on it.

To establish a connection between your phone and the PC you need to have drivers installed on your PC. Most drivers are installed automatically when you install Nokia PC Suite or when you connect your phone to the PC with the Get Connected wizard. For detailed information see section 3, *Installing drivers* in this guide.



Tip: If you have Nokia PC Suite installed and you are connected to the Internet, Nokia PC Suite displays a notification when a new Nokia PC Suite release, or a patch for the latest release, is available to be downloaded.

2.1 Before installation

If you have an earlier version of Nokia PC Suite (5.x or 6.x) installed on your PC, the earlier version will be automatically replaced during the installation. If for some reason you need to uninstall the older version manually, the installation program prompts you to do so.

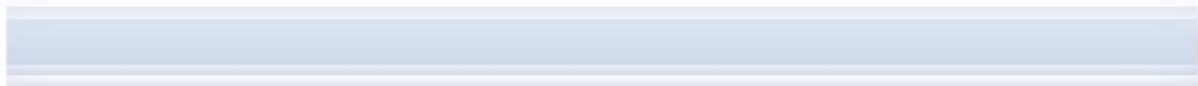
If you want to use a Bluetooth connection, install Bluetooth wireless technology software on your PC before you install Nokia PC Suite. For more information about Bluetooth software you can use with Nokia PC Suite, see section 1.2, *Must haves* in this guide.

If you are upgrading from Nokia PC Suite 6.41 or earlier to Nokia PC Suite 6.84, synchronize your phone with the existing Nokia PC Suite before upgrading, to avoid duplicate calendar appointments. When you have installed Nokia PC Suite 6.84, rerun synchronization.

2.2 Installing Nokia PC Suite from a CD-ROM

You can install Nokia PC Suite from a CD-ROM if your phone's sales package contains one.

1. To start the installation, insert the CD-ROM into your PC's CD-ROM drive and click the installation option.
2. Select the language, and click **OK**. The installation program starts.
3. Follow the instructions on the screen, and note the following:
 - If you are connected to the Internet, Nokia PC Suite checks if an updated version of Nokia PC Suite is available on the Nokia PC Suite Web page. If yes, it is recommended that you download and install the new version.
 - You must read and accept the license agreement before continuing.
 - You may be asked to restart the computer during the installation.
4. When the installation is complete, the Get Connected wizard opens automatically and you can select the connection types you want to use.



5. Depending on your phone model, you may need to install the PC Suite support application for SMS and MMS messaging. The Get Connected wizard informs you of the installation. Note that you must complete the installation on your phone's user interface.

2.3 Installing Nokia PC Suite from the Web

1. Open a Web browser and go to www.nokia.com/pcsuite > Download. The download assistant opens.
2. Select if you need help to determine which PC Suite version is suitable for your phone model, or if you want to download the latest version of PC Suite.
3. If you selected to use help, next select your phone model and click **Continue**. If there are two versions available for your phone, you are asked to select your PC operating system.
4. Select the language to be downloaded from the drop-down list and click **Download**.
5. Click **Run** or **Open** to start the installation.
OR
Click **Save** and save the file on your PC. Then browse to the downloaded file `Nokia_PC_Suite_684_rel_xx_xx_web.msi` and click it to start the installation.
6. Follow the installation instructions on the screen, and note the following:
 - You must read and accept the license agreement before continuing.
 - You may be asked to restart the computer during the installation.
7. When the installation is complete, the Get Connected wizard opens automatically and you can set up the connection types that you want to use.
8. Depending on your phone model, you may need to install the PC Suite support application for SMS and MMS messaging. The Get Connected wizard informs you of the installation. Note that you must complete the installation on your phone's user interface.

2.4 Uninstalling Nokia PC Suite

1. Click **Start > Programs > Nokia PC Suite > Uninstall Nokia PC Suite**.
2. Follow the instructions on the screen until the program files are removed.

OR

1. Click **Start > Settings > Control Panel**.
(If you are using Windows XP, use the Classic View of Control Panel.)
2. Double-click **Add/Remove Programs**.
3. From the list of Currently Installed Programs, select Nokia PC Suite.
4. Click **Change/Remove**. If you click Change, you need to click **Remove** in the window that opens.
5. Follow the instructions on the screen until the program files are removed.



Note: When you uninstall Nokia PC Suite, the drivers that were installed with Nokia PC Suite will also be uninstalled. If you have updated the Nokia Connectivity Cable Drivers separately after installing Nokia PC Suite the drivers will not be uninstalled.

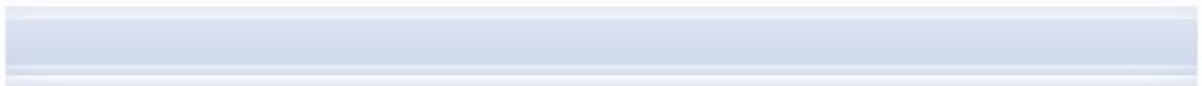
2.5 Changing the language used in Nokia PC Suite

If you have Nokia PC Suite installed and you want to change the language Nokia PC Suite applications use, do one of the following:

- To install the same version of Nokia PC Suite in another language: uninstall Nokia PC Suite and then select to reinstall it in the new language from the CD-ROM or from the Nokia PC Suite Web pages.
- To install a newer version of Nokia PC Suite in another language: select to install the Nokia PC Suite in the new language. The old version of Nokia PC Suite and its language are automatically replaced during the installation.



Note: You should use the same language in the phone, the operating system, and Nokia PC Suite, if possible. This allows your phone to function properly with all Nokia PC Suite applications.



3. INSTALLING DRIVERS

To connect your phone and the PC to use Nokia PC Suite applications you need connectivity drivers installed on your PC. Most drivers are installed automatically when Nokia PC Suite is installed and you connect your phone to the PC in the Get Connected wizard.

If you want to use your phone as a modem to connect to network services such as the Internet when there is no wired network available, you need modem drivers installed on your PC.

The following table shows the required drivers according to the connection type you use:

| Connection type | Connectivity drivers | Modem drivers |
|--|--|--|
| USB cable DKU-2, DKE-2, CA-53, CA-70, CA-101 Serial cable CA-42 | Installed automatically. | Installed automatically. |
| Infrared | You must have an Infrared port on your PC. Drivers are installed automatically when you connect your phone to the PC via infrared. | Nokia infrared modem is installed automatically when you connect your phone to the PC via infrared. If you are using Windows XP SP1, you must update the Nokia IrDA driver when you have installed Nokia PC Suite. |
| Bluetooth wireless technology | You must have a supported Bluetooth stack installed on your PC. Drivers are installed automatically when you connect your phone to the PC via Bluetooth. | PC Connectivity Bluetooth modem is installed automatically when you pair your phone with the PC in Get Connected. If you have Microsoft Bluetooth installed on your PC, a standard Bluetooth modem is also installed automatically. |

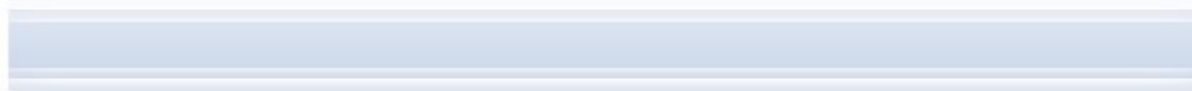
3.1 Updating infrared modem driver

Nokia infrared modem is installed automatically on your PC when you connect your phone to the PC via infrared.

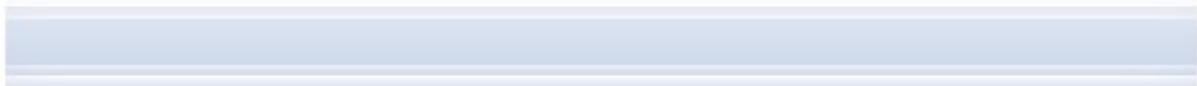
If you are using Windows XP SP1 and you want to use your phone as a modem, you must update the infrared modem driver.

To update the infrared driver for Windows XP SP1

1. Connect your phone to a PC via infrared.
2. In Windows **Start** menu, click **Control Panel > Phone and Modem Options**.
3. From Phone and Modem Options, select the **Modems** tab.



4. In the Modems tab, select **Standard Modem over IR link**, and click **Properties**.
5. In the Standard Modem over IR link Properties dialog box select the **Driver** tab, and select **Update Driver**.
6. The Hardware Update wizard opens. Select **Install from a list or specific location (Advanced)**. Click **Next**.
7. In the next dialog choose your search and install options: select **Don't search. I will choose the driver to install**. Click **Next**.
8. Clear the **Show compatible hardware** checkbox.
9. From the **Manufacturer** list, select **Nokia**, and from the **Models** list, select the modem that you want to add. Click **Next**.
10. If you want to proceed with the update, click **Yes** in **Update Driver Warning**. Your modem becomes visible in the list of installed modems.
11. Click **OK** to close the Phone and Modem Options window.



4. CONNECTING YOUR PHONE AND PC

You need to connect your phone to a PC to do the following:

- Transfer information between Nokia PC Suite applications and the phone. For example, to synchronize calendar appointments or transfer images.
- Use your phone as a modem to connect your PC to network services such as the Internet.

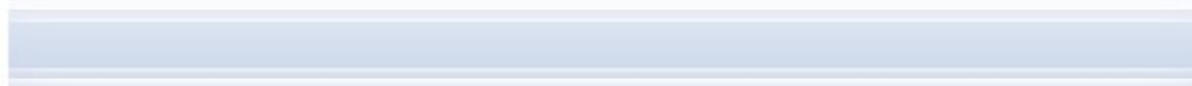
4.1 Selecting a connection type

You can connect the phone and a PC via a USB or serial cable, Infrared (IrDA), or Bluetooth wireless technology. When Nokia PC Suite installation is finished, the Get Connected wizard opens and guides you in configuring the connection type you want to use.

The connection types you can select depend on what connection types your phone model and the PC support. To check which connection types your phone supports, see www.nokia.com/pcsuite/compatibility, or your phone's user's guide.

| Connection type | Details |
|---|---|
| USB cables DKU-2, DKE-2, CA-53, CA-70, CA-101 | <p>A USB cable is a fast and reliable data transfer method between a phone and a PC.</p> <p>You can have several USB cable connections, or even serial and USB connections simultaneously.</p> <p>If you did not receive a cable with your phone, you can buy one from your Nokia retailer.</p> |
| Serial cable CA-42 | <p>A serial cable is a reliable connection method between a phone and a PC.</p> <p>You can have only one serial cable connection established at a time.</p> <p>If you did not receive a cable with your phone, you can buy one from your Nokia retailer.</p> |
| Infrared | <p>Infrared connects your phone wirelessly to your PC within a short range. The preferable distance between the phone and the PC is one meter (about three feet) at most.</p> |
| Bluetooth | <p>Bluetooth wireless technology connects your phone wirelessly to your PC within a short range. The phone and PC must be within a 10-meter (about 30 feet) radius of each other.</p> |

In the Get Connected wizard you can change the connection types you want to use later on. You can start the wizard from the Get Connected button at the bottom of the Nokia PC Suite main window.





Note: Some phone models have an optional security setting called autolock period, which determines a time-out period after which the device will be locked if it is in standby mode. Before you can establish a connection between your phone and Nokia PC Suite you need to unlock your phone.

4.2 Connecting your phone via cable

1. In Get Connected, select **Cable connection** as the connection type.
2. Connect the cable to the PC when Get Connected prompts you to do so, and then connect the other end of the cable to the phone.
3. The first time you use a cable connection you have to wait until Get Connected finishes installing the required drivers.



Note: For a CA-42 cable the COM port is normally selected automatically. If not, you can configure it manually. The CA-42 cable is connected to the USB connector of your PC, and Windows recognizes it as USB. However, in Nokia Connection Manager you have to select the Serial cable connection type and click **Configure...** to set the COM port. You only need to make this configuration once, before you use the connection for the first time.



Note: When you connect your phone to the PC via USB cable, make sure you have the default or the PC Suite mode selected in your phone if you want to use Nokia PC Suite with your phone. See your phone's user's guide for more detailed information on the USB modes available.



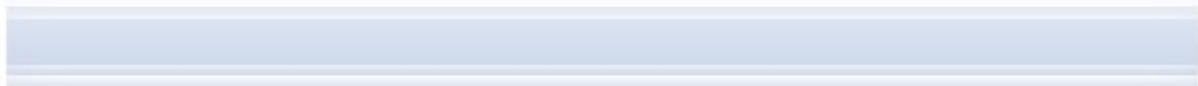
Note: Always make sure you use original Nokia cables with Nokia PC Suite to secure reliable operation of the Nokia PC Suite applications. Check the labeling on your cable.

4.3 Connecting your phone via infrared

1. Activate the IR port of your phone. For instructions, see your phone's user's guide.
2. If you are using a Symbian phone, make sure that you have selected to use the infrared connection type on your phone. For instructions, see your phone's user guide.
3. Place the phone and the PC so the IR ports of the two devices point at each other.
4. The connection is created automatically.

4.4 Connecting your phone via Bluetooth

1. Make your phone visible to other Bluetooth devices and activate the Bluetooth connection of your phone. For instructions see your phone's user's guide.
2. When you activate Bluetooth for the first time you are asked to give your phone a name. The name is used whenever you pair your phone with a PC.
3. Make sure that the Bluetooth stack on your PC is switched on.
4. If you use a Bluetooth adapter, make sure it is plugged into the PC.
5. Click **Get Connected** in Nokia PC Suite main window, and follow the instructions in the wizard to pair your phone with the PC.



If you need to check which Bluetooth stacks have been installed on your PC, click **Help > About Nokia PC Suite... > System info...** in Nokia PC Suite main window. If a Bluetooth stack found on your PC is not supported by Nokia PC Suite, this information is also in the system info.

4.4.1 Pairing devices for Bluetooth connection

To use Bluetooth as the connection type, you need to pair your phone and the PC. Pairing means that you code two Bluetooth devices to communicate so they can exchange data. You only need to pair the devices once, before you use the connection for the first time.

Follow the pairing instructions in Get Connected and note:

- If you use the passcode generated by Get Connected, enter the passcode on the phone when requested. Alternatively, you can create your own passcode (1-16 characters, numeric) and enter the same passcode first on the PC and then on the phone when requested. This passcode is used only once and you do not need to memorize it.
- You need to authorize the connection between your Nokia phone and your PC. Select **Yes** when you see a connection request on the phone's display.
- You can set your PC as authorized, which means that individual connections between your phone and your PC do not need a separate authorization. On your phone, find the Paired devices view, select your PC, and edit the PC to be authorized or trusted, depending on the term used in your phone.

4.5 Connection status

You can see the connection status between your phone and the PC at the bottom of the Nokia PC Suite main window:



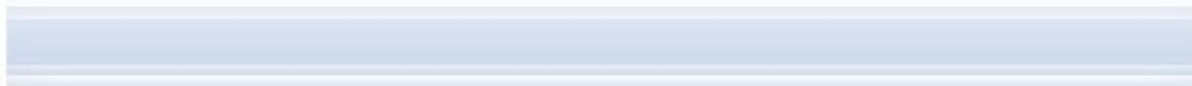
Connected



Disconnected



Connected but the phone is in an incorrect USB mode for Nokia PC Suite



5. USING NOKIA PC SUITE

The following section gives you instructions for starting to use Nokia PC Suite applications. For more in-depth instructions, see Nokia PC Suite help (**Help > Help topics**) and Tutorial (**Web > PC Suite tutorial**).



Note: Nokia Multimedia Player, Image Store, and Nokia Music Manager are not included in Nokia PC Suite Starter Edition.



Note: Not all phone models support, for example, sending multimedia messages. To check which Nokia PC Suite applications you can use with your phone, see www.nokia.com/pcsuite/compatibility.

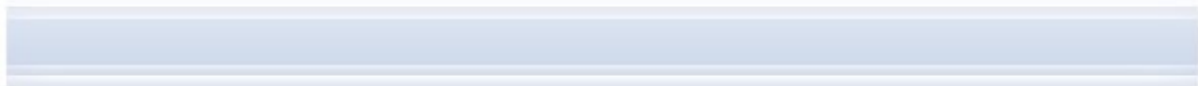
5.1 Opening Nokia PC Suite applications

To open Nokia PC Suite:

- a. On the Windows taskbar, click the Nokia PC Suite icon.
- b. On your computer desktop, double-click the Nokia PC Suite icon.
- c. From Windows **Start** menu, click **Programs > Nokia PC Suite**.

Click the icons in the main window to open Nokia PC Suite applications.

You can also open applications by right-clicking the Nokia PC Suite icon on the Windows taskbar, and selecting the application to be opened from the menu.



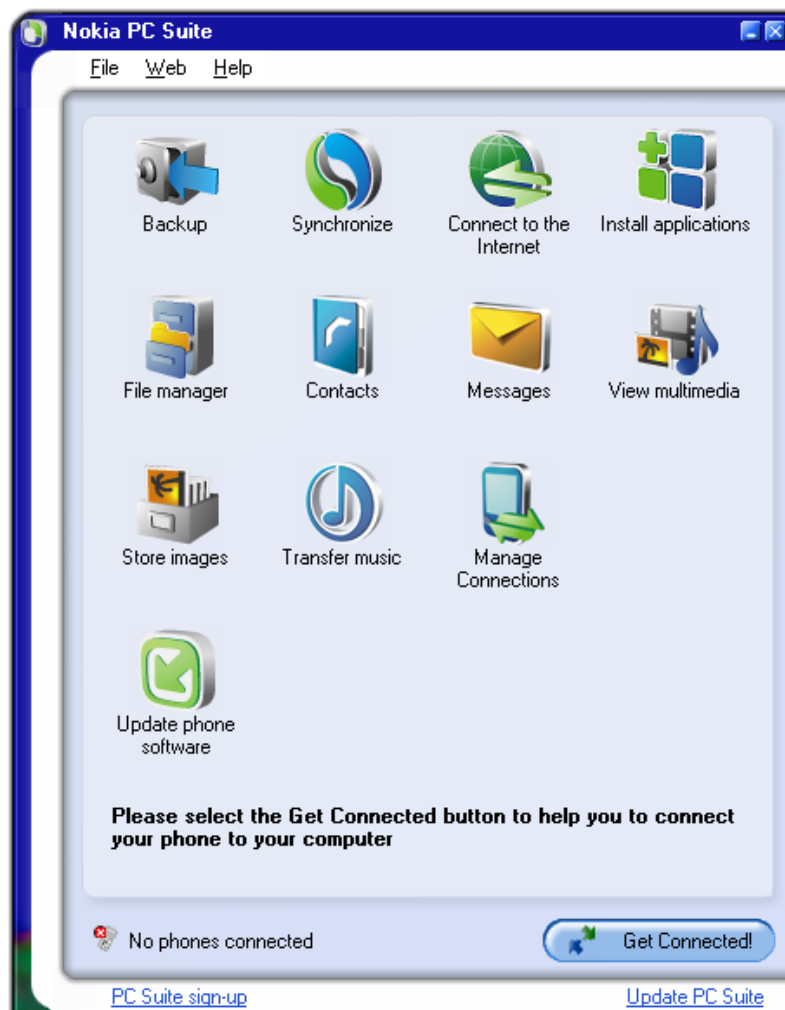


Figure 1. **Nokia PC Suite main window**

Nokia PC Suite always opens when you start your PC. If you do not want Nokia PC Suite to always open automatically when you start your PC, click **File > Invoke at startup** to prevent the automatic startup.

You can order settings for your Nokia phone's messaging and browsing features, for example, WAP/GPRS, multimedia messaging, and Internet settings. Click **Web > Order Settings** to access the ordering Web page. You need an Internet connection to be able to order settings.

You can register for a free-of-charge monthly Nokia Connections newsletter to get useful information and special offers on the latest Nokia devices, accessories and software (for example, new PC Suite versions). The monthly newsletter is available in several languages and it can be delivered to your e-mail or mobile phone. You need an Internet connection to be able to subscribe to the Nokia Connections newsletter. When you have installed Nokia PC Suite, you can access the sign up pages from the **PC Suite sign up** link at the bottom of the Nokia PC Suite main window. You can also register later on from **Web > Sign Up**.

5.2 Backing up phone contents on a PC

Nokia Content Copier allows you to back up your phone's contents on a PC. You can back up the entire contents, or select what you want to back up. You should back up your phone's contents regularly to help avoid losing important data.

You can restore phone contents to the same phone model from which the backup was originally made, or import contents to another Nokia phone model. If you are restoring a backup file to the same phone model that was originally backed up, existing data in your phone is replaced with data from the backup file.



Note: Do not use or disconnect your phone while Nokia Content Copier is backing up or restoring the phone contents.




Note: Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.




Note: Some content can only be restored to the same phone model from which it was originally backed up depending on what type of data the target phone supports.

To back up your phone contents

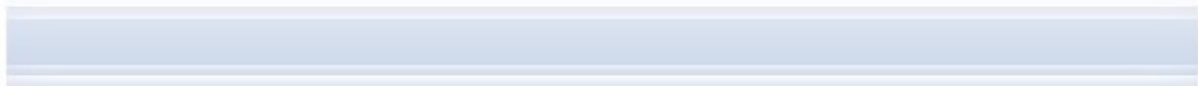
1. Connect your phone to the PC. A USB cable is the fastest connection type for transferring large files between your phone and a PC.
2. In Nokia PC Suite main window, click **Backup**  to open Nokia Content Copier.
3. Click **Back up**.
4. From the list of content types available, select what you want to back up, and click **Next**.
5. Define a name and a storage location for the backup file, and click **Next**. After the phone contents have been backed up, click **View the report** if you want to see detailed information about the backup operation.

To restore or import a backup file

1. Connect your phone to the PC. A USB cable is the fastest connection type for transferring large files between your phone and a PC.
2. In Nokia PC Suite main window, click **Backup**  to open Nokia Content Copier.
3. Click **Restore**.
4. Select a backup file to restore or import, and click **Next**.
5. From the list of content types available, select what you want to restore or import, and click **Next**. After the phone contents have been restored or imported, click **View the report** if you want to see detailed information about the restoration or import operation.

5.3 Synchronizing data between your phone and a PC


Nokia PC Sync allows you to synchronize contacts, calendar/to-do items, notes, and e-mails between a Nokia mobile phone and your PC Personal Information Manager (PIM). You can also synchronize bookmarks between a Nokia mobile phone and a supported web browser, or files and folders between a Nokia mobile phone and a PC. Synchronizing means that the information on both your phone and PC is similar. Note that not all phone models support, for example, synchronizing e-mails.



You can synchronize a compatible Nokia phone with the following PC PIM applications:


- Microsoft Outlook 2000, 2002, 2003 and 2007
- Microsoft Outlook Express / Windows Address Book
- Microsoft Windows Vista Contacts
- Lotus Notes 5.x, 6.x and 7.0
- Lotus Organizer 5.x and 6.x

To create the first synchronization task

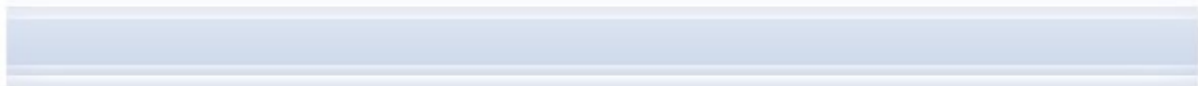
1. Connect your phone to the PC.
2. In the Nokia PC Suite main window, click **Synchronize** , to open Nokia PC Sync.
3. When you open Nokia PC Sync for the first time, the Settings wizard opens automatically. You can skip the wizard and start synchronization with default settings, or follow the instructions on screen to finish the wizard process. It is recommended that you follow the wizard to get your personal settings correct for the synchronization. Follow the instructions on the screen to set, for example:
 - PIM application with which you want to synchronize the phone.
 - Information you want to synchronize.
 - Settings for items you selected for synchronizing.
4. In the Finish page of the wizard, click **Advanced** if you want to make settings for automatic synchronization and conflict resolution.

For more information on the settings, see the Nokia PC Suite help.



To create a new synchronization task

1. Connect your phone to the PC.
2. In the Nokia PC Suite main window, click **Synchronize** , to open Nokia PC Sync.
3. Click **Settings**.
4. Click **Create new settings**.
5. In the Settings wizard pages, select, for example, the PC PIM application you want to use when synchronizing, what information you want to synchronize, and the synchronization range.
6. In the last page of the Wizard click **Advanced** if you want to make settings for automatic synchronization and conflict resolution. Based on what you want to synchronize, the tabs in the Settings window are either active or inactive. Fill in the active tabs.
7. Click **OK** to finish creating a new synchronization task.

For more information about the settings, see the Nokia PC Suite help.



The Nokia PC Sync icon is displayed on the Windows taskbar when Nokia PC Sync is active:

-  shows that the phone is connected. You can click the icon to open PC Sync, or right-click the icon to access the Nokia PC Sync menu commands,
-  shows that the phone is not connected.



Note: As a default Nokia PC Sync is not set to start automatically when you turn on your PC. To make PC Sync start automatically when you turn on your PC:

1. Click **Synchronize** on the Nokia PC Suite main window.
2. Right-click the Nokia PC Sync icon on the Windows taskbar.
3. Select **Enable On Startup**.

5.4 Connecting to the Internet using your phone

With Nokia PC Suite's One Touch Access application you can use your phone as a modem to create a network connection to the Internet. A connection can be established via cable, infrared, or Bluetooth wireless technology.

To use your phone as a modem, you must have the following:

- A phone and subscription that support packet data.
- Appropriate software for data communications installed on your PC.
- A subscription to the appropriate network services from your home service provider or Internet service provider.
- The appropriate modem drivers installed on your PC. See section 3, *Installing drivers* in this guide.



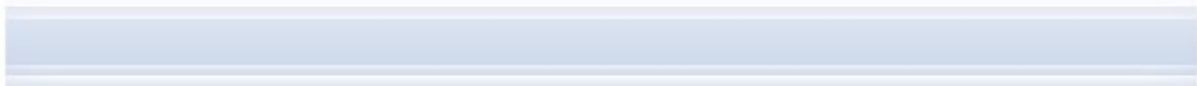
Note: One Touch Access detects the connected phone and automatically uses it as a modem. However, if your phone is connected to a PC via Bluetooth, One Touch Access recognizes the phone automatically only if no other connected modem is available and you have used a Bluetooth modem the previous time you used One Touch Access.




Note: If your phone does not support packet data you can access the Internet by creating a dial-up connection. See the instructions for using your phone as a modem in the Nokia PC Suite help.

To connect to the Internet

1. Connect your phone to the PC.
2. If you are using a CA-42 serial cable or infrared for connection between Nokia PC Suite and your phone, the connection types need to be deselected so that you can use the connection type for the modem. One Touch Access automatically deselects the connection types when creating a connection, and reselects them when the modem is disconnected.



3. In the Nokia PC Suite main window, click **Connect to the Internet**  to open One Touch Access. It will automatically connect to the Internet after 10 seconds.
OR
Open One Touch Access and click **Settings** to select the modem you want to use and your network operator from a list of operators, and then click **Connect** to establish the Internet connection.
4. When you no longer need the connection, click **Disconnect** to close the Internet connection.

5.5 Installing applications on your phone from a PC

With Nokia Application Installer you can install Symbian and Java™ applications such as calendars or games from a PC to your phone. The file types you can install with Nokia Application Installer are .SIS, .SISX, .JAR, and .N-GAGE. You can download applications to your PC, for example, from Nokia Web pages or other service providers' pages. You can also install applications that you have created yourself.

To install an application on your phone

1. Download the .SIS, .SISX, .JAR, or .N-GAGE file for the application you want to install.
2. Connect your phone to the PC.
3. In Windows Explorer, double-click a .SIS, .SISX, .JAR, or .N-GAGE file you want to install on your phone. Nokia Application Installer installs the application on your phone.

Note that if you have a phone with a Symbian operating system, you need to finalize the installation on the phone side.

If you want to, for example, select whether you install the application to the phone's memory or memory card, use Nokia Application Installer to install the application.

To open Nokia Application Installer, click **Install applications**  in the Nokia PC Suite main window. For use instructions, see Nokia Application Installer help.

For more information about what kind of applications can be installed on your phone, see your phone's user's guide.

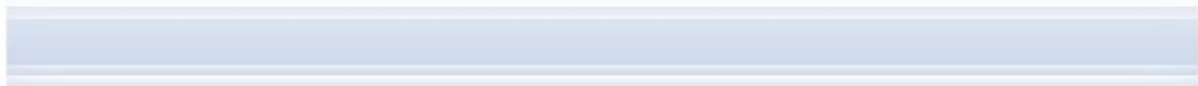


Note: Nokia does not give a warranty for applications from non-Nokia sites. If you choose to download applications from them, you should take the same precautions, for security or content, as you would with any site.

5.6 Managing phone contents on a PC

When you connect your phone to a PC with Nokia PC Suite, PC Suite creates a phone folder to be viewed in Windows Explorer, under Nokia Phone Browser. Nokia Phone Browser displays phone folders and subfolders for each phone that is connected to the PC. If a memory card is inserted into the phone, the memory card is displayed as a phone subfolder.

With Nokia Phone Browser you can view files and folders and transfer them between your phone and a PC in Windows Explorer in the same way as you would any files or folders on your PC.



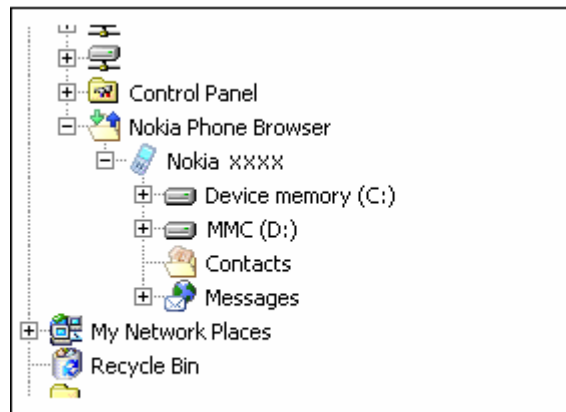



Figure 2. **Nokia Phone Browser in Windows Explorer**

To copy files/folders between a phone and a PC

1. Connect your phone to the PC.
2. In the Nokia PC Suite main window, click **File manager**  to open Nokia Phone Browser,
OR
in Windows Explorer, go to **My Computer > Nokia Phone Browser > Nokia xxxx** where xxxx is the model number of the phone. If you have given your phone a familiar name such as “My phone” the folder will have that name.
3. Drag and drop files or folders between your phone and a PC, or use copy-paste.



Tip: To refresh the phone contents, click **View > Refresh** or click **F5**.




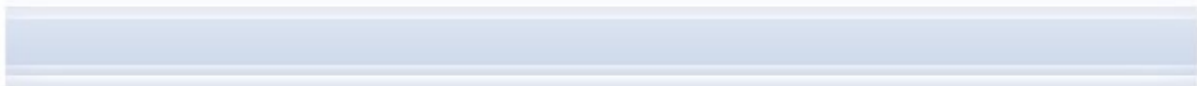
Note: Copying files from a PC to the phone may take a while, depending on the size of the files and the connection type you use. Do not disconnect the phone before the files have been copied. A USB cable (DKU-2, DKE-2, CA-53, CA-70 or CA-101) is the fastest connection type for transferring large files such as music files between your phone and a PC.

5.7 Adding contacts to your phone from a PC

With Nokia Contacts Editor you can open, edit, save, and print phone contacts on your PC, as well as update new and changed contacts to your phone.

To create a new contact to your phone

1. Connect your phone to the PC.
2. In Nokia PC Suite Main window, click **Contacts** . Nokia Phone Browser opens with your phone’s Contacts folder visible.
3. In Nokia Phone Browser select the **Contacts** folder and click **Contact > New Contact**.




4. Add details to the contact.
5. Click **Save**.

5.8 Sending text messages from a PC

With Nokia Text Message Editor you can receive and send text messages from your PC, create folders for storing text messages, and export your text messages from your phone to your PC.


To send a text message

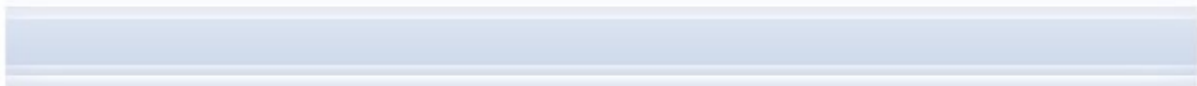
1. Connect your phone to the PC.
2. In Nokia PC Suite Main window, click **Messages** . Nokia Phone Browser opens with your phone's Messages folders visible.
3. In Nokia Phone Browser click **Message > New Text Message**.
4. Write the phone number into the **To...** field, or click **To...** to select recipients for the message. The recipients are shown from the Nokia Phone Browser Contacts folder.
5. Write the message and click **File > Send**.

5.9 Viewing multimedia files on a PC

With Nokia Multimedia Player you can play multimedia files stored on the PC or straight from your phone when it is connected to the PC. You can create playlists of, for example, photos or video clips you have taken with your camera, and watch them one after another. You can also save video and audio files in a format that allows you to use them in a mobile phone or attach them to an MMS message.


To use playlists to view your favorite files

1. In the Nokia PC Suite main window, click **View multimedia**  to open Nokia Multimedia Player.
2. Click **View > Playlist** to open the playlist view. The view opens with an empty list.
3. Click **Add files to playlist** to add files to playlist, or drag files to the playlist from Windows Explorer.
4. Click **Save playlist to file** or click **File > Save Playlist**. Name the playlist and click **Save**. The file is saved with an .npl extension.
5. Click **View > Options** to set viewing options. You can, for example, set the playback to start automatically, and set the time delay between showing files in a slideshow.
6. Click **File > Open** and select the playlist to be viewed. If you cannot see an .npl or .m3u file in the Open dialog, for **Files of type**, select Playlists or All supported formats.



5.10 Storing images from your phone to a PC

With Image Store you can store photos and video clips you have taken with your phone's camera on your PC.

1. Connect your phone to the PC.
2. In the Nokia PC Suite main window, click **Store images**  to open Image Store.
3. If you have not used Image Store earlier, the Settings wizard opens automatically when your phone is connected to the PC and you open Image Store. Before you can store images, you have to define file types to be stored (images or videos), the target folder for storage, and what Image Store does when the files have been stored.
4. Click **Store Now**. The files are stored in the folder you defined.

If you want to change the settings, click **Settings** in the Image Store main window. You can define, for example, if you want new images and videos to be stored to your PC automatically every time you connect your phone to the PC, and what application you use to view the images and video clips. For more information about the settings, see the Nokia PC Suite help.

5.11 Transferring music from a CD to your phone

With Nokia Music Manager, you can rip audio CDs with track and album information, create and organize digital music files and playlists on a phone and PC, transfer music files and playlists between a phone and PC, and playback music from a CD or PC.

With Nokia Music Manager you can play, for example, AAC, MP3 and M4A music tracks.



Note: With a USB cable (DKU-2, DKE-2, CA-53, CA-70 or CA-101) connection, you can transfer large files such as music files between your phone and a PC more quickly than with other connection types.




Note: Nokia Music Manager title bar will inform you if your phone is not supported.



Note: Copyright protections may prevent some music from being ripped and transferred.

To transfer music from a CD to your phone

1. Connect your phone to the PC.
2. Insert a music CD in your PC's CD drive or DVD drive.
3. In the Nokia PC Suite main window, click **Transfer Music**  to open Nokia Music Manager.
4. Open the CD view to view the tracks on the CD.
5. If you want to rename files, highlight the desired tracks, right-click any of the tracks, and select **Edit** from the pop-up menu.
6. Select the tracks you want to transfer to your phone.



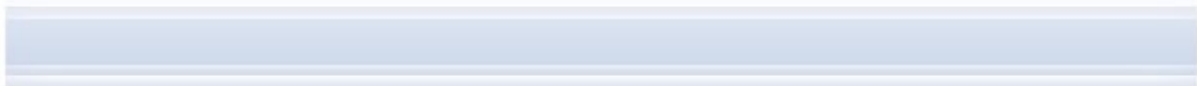
7. Click **File > Copy to phone**. The files are converted to .aac or .m4a file format and transferred to your phone.



Tip: Tracks are saved by default on the memory card if you have one inserted in your phone. You can change the phone target folder in Options > Settings, phone tab.

You can also search for music tracks from your PC to transfer to your phone. To do this, click **Scan PC for music files**, and then copy the selected tracks to your phone.

If your phone supports playing music tracks in M4A format, you can use eAAC+ encoding for ripping music from a CD. To do this, click **Options > Settings**, and in the Conversion tab select **M4A** for **Conversion format**. With this conversion the compression ratio is higher than with AAC encoding and you can save more music on your phone's memory or on a memory card. Refer to your phone's user's guide for more information about the supported formats.



6. TERMS AND ABBREVIATIONS

| Term | Explanation |
|-------------------------------|--|
| Bluetooth stack | A set of software needed to run Bluetooth on a PC. |
| Bluetooth wireless technology | A technology that provides short-range radio links to allow mobile computers, mobile phones, digital cameras, and other portable devices communicate with each other without cables. A Nokia mobile device with Bluetooth wireless technology support allows the user to connect wirelessly to another compatible Bluetooth device within a short range. |
| COM port | An input/output port through which data is transmitted and received serially. The serial port is a socket on a PC. It is used to connect serial devices (usually printers, modems, or mice) to the computer and communicate with these devices. Serial ports are assigned names such as COM1 and COM2. |
| driver | A computer program that enables another program to communicate with a hardware device. |
| packet data | A data transmission technique (for example, GPRS, 3G) that transfers and receives data in packets instead of using a continuous channel. Users pay only for the volume of data sent and received. |
| patch | A patch is a piece of software designed to improve the usability or performance of a computer program, or to fix problems with a computer program. |
| PIM | Personal Information Manager such as Microsoft Outlook or Lotus Notes. With a PIM application you can manage personal and business information such as phone book, calendar, and note information. |
| ripping | Process of copying data from one media form to a hard disk. For example, music from an audio CD to a PC. |
| SP | Service Pack. A software patch that is applied to an installed application. |
| Symbian | A smartphone operating system provided by a software licensing company owned by major wireless industry companies. |

7. SAFETY NOTES



Important safety notes

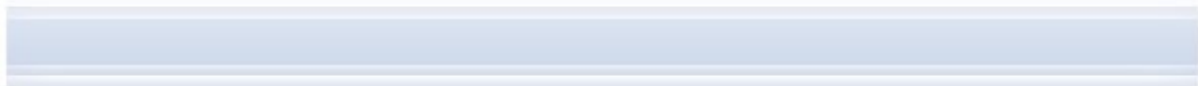
All the safety instructions in the user's guides of your phone and computer also apply when this product is used with the phone.

Remember to make backup copies of all important data to protect against possible loss or alteration.

Only install and use applications and other software from sources that offer adequate protection against harmful software.

INDEX

- applications
 - installing on phone..... 18
 - Nokia PC Suite 13
- automatic startup 14
- Bluetooth wireless technology 10, 23
 - connecting phone to PC 11
 - connectivity drivers 8
 - pairing 12, 17
 - stacks 3, 23
- CA-101 cable 8, 10
- CA-42 cable 8, 10, 11
- CA-53 cable 8, 10
- CA-70 cable 8, 10
- cables
 - connecting phone to PC 11
- COM port 11, 23
- connection
 - phone to PC 10
 - selecting connection type 10
 - status 12
 - to the Internet 17
- contacts, creating 19
- copying files between phone and PC 19
- creating
 - contacts 19
 - synchronisation tasks 15
- DKE-2 cable 8, 10
- DKU-2 cable 8, 10
- File manager 18
- Image Store 21
- images
 - storing 21
 - transferring to PC 21
 - viewing 20
- infrared 10
 - connecting phone to PC 11
 - connectivity drivers 8
 - modem drivers 8
- installing
 - applications on phone 18
 - infrared modem driver 8
 - Nokia PC Suite
 - from CD-ROM 5
 - from the Web 6
- Internet, connecting to 17
- language, changing 7
- memory card 18
- MMS messages 20
- modem drivers
 - infrared 8
- music, transferring to phone 21
- Nokia Application Installer 18
- Nokia Contacts Editor 19
- Nokia Content Copier 15
- Nokia Music Manager 21
- Nokia PC Suite
 - applications 1, 13
 - main window 14
 - Starter Edition 2
- Nokia PC Sync 15
- Nokia Phone Browser 18
- Nokia Text Message Editor 20
- One Touch Access 17
- pairing Bluetooth devices 12, 17
- phone contents
 - backing up 15
 - restoring or importing 15
- phones
 - connecting to PC 10
 - using as modem 17
- photos *See Images*
- PIM 16, 23
- ripping 23
 - music from CD 21
- storing images 21
- Symbian 23
- synchronising data 15
- system requirements 2
- terms 23
- text messages, sending 20
- transferring music 21
- uninstalling Nokia PC Suite 6
- video clips
 - storing 21
 - viewing 20
- viewing multimedia 20



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