

Nokia 6090 - ReadME-----Version 1.1 02.08.1999

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1. NOKIA 6090 - GSM900 FIXED MOBILE PHONE

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Built-in data capability:

No need for additional software

Data transfer via RS-232 (Serial Port)

Data: Data compression V.42bis

Non-Transparent data 9600 bits/s

Transparent data 9600 bits/s

Support for extended wireless AT command set (ETSI 07.07 and 07.05 AT)

Fax: - Sending and receiving

- Classes 1, 2, 2.0, ECM (sending)

- Speeds 2400, 4800, 7200, 9600 bps

2. RS-232 CONNECTION

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The RS-232 connector of Nokia 6090 supports full protocol 9-pin standard (TIA/EIA-562). It is a 1-to-1 RS-232 cable needed for the connection between RS-232 connector of Nokia 6090 and the serial port of the PC.

DTE (PC)	DCE (6090)	RS-232 9-pin connector
-----	-----	-----
TD	->	TD
3RD	<-	RD
2RTS	->	RTS
7CTS	<-	CTS
8DTR	->	DTR
4DSR	<-	DSR
6DCD	<-	DCD
1RI	<-	RI
9GND	-	GND

DTE : Data Terminal Equipment

DCE : Data Communication Equipment

TD : Transmitted Data

RD : Received Data

RTS : Request To Send

CTS : Clear To Send

DTR : Data Terminal Ready

DSR : Data Set Ready

DCD : Data Carrier Detect

RI : Ring Indicator

3. NOKIA 6090 WINDOWS 95/98 INSTALLATION INTRODUCTIONS

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In order to use Nokia 6090 data and fax capabilities with Windows 95 a new modem must be installed in PC.

3.1 Windows 95 Modem configuration

The configuration of a new modem for Windows 95 requires a so called .INF file, which contains information about used modem. You can download mdm6090.inf file from <http://www.<6090>.nokia.com>.

Setting up a modem in Windows 95 is a straightforward process.

1. Open Control Panel (Start | Settings | Control Panel)
2. Select "Modems"
3. Select "Add"
4. Select "Other" (and go further by selecting Next option)
5. Select "Don't detect" (and go further by selecting Next option)
6. Select "Nokia 6090 - GSM900 Fixed Mobile Phone" (manufacturer: Nokia Mobile Phones) or select "Have a disk" and select "Nokia 6090 - GSM900 Fixed Mobile Phone" if you have downloaded mdm6090.inf and you are installing this modem first time.
7. After Windows 95 modem is properly installed you can start to use your data and fax applications in Windows 95 environment by selecting Nokia 6090 - GSM900 Fixed Mobile Phone as a modem.

3.2 Windows 95 dial-up connection configuration

For remote networking also a dial-up connection must be configured properly.

1. Open "Dial-Up Networking" (Start -> Programs -> Accessories -> Dial-Up Networking)
2. Select "Make New Connection"
3. Replace 'My Connection' with appropriate name
4. Select "Nokia 6090 - GSM900 Fixed Mobile Phone" (and go further by selecting Next option)
5. Type in the desired Dial-Up number
6. Skip the Area Code and Country Code
7. Finish
8. Click with the right mouse button the newly configured Dial-Up Connection
9. Select Properties
10. Empty the 'Use country code and area code' selection
11. Select Server Types
12. Usually you need only "Enable software compression" and "TCP/IP" protocol
13. Check also TCP/IP settings from your internet service provider
14. Select OK

3.3 Using Windows 95 dial-up connection

Now you can use connection that you have just made.

1. Open new connection by double clicking it
2. Enter your Username and password
3. Press Connect

4. WINDOWS 98/NT CONFIGURATION

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In Windows 98/NT the modem and dial-up networking settings are similar to Windows 95.

5. NOKIA 6090 IN THE INTERNET

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You can find Nokia 6090 in www.<6090>.nokia.com mdm6090.inf
Nokia 6090 Windows 95/98 installation file6090_AT_cmds.doc
Nokia 6090 AT command setReadme.txt

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