



NOKIA A040

FREQUENTLY ASKED QUESTIONS





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FAQ

Q. What is the Nokia A040?

A. The Nokia A040 is a wireless adapter that enables you to connect wirelessly to a LAN (Local Area Network).

Q. How does the A040 connect to my computer?

A. The Nokia A040 connects to an Ethernet card using a standard Ethernet cable.

Q. Do I need special hardware in my laptop to use the Nokia A040.

A. The Nokia A040 connects to a standard PCMCIA card, using the connector cable (dongle) for the card and a standard Ethernet cable. The A040 can also connect to a standard Ethernet card, using an Ethernet cable.

Q. Is the Nokia A040 Wireless LAN Adapter Compliant with Industry Standards?

A. Yes. The Nokia A040 is fully compliant with the IEEE 802.11b standard.

Q. Is the Nokia A040 interoperable with other manufacturer's wireless LAN products?

A. Nokia WLAN products are IEEE 802.11b compliant and are compatible with any product that is also IEEE 802.11b compliant.

The Nokia A040 is WiFi compliant ensuring that it is fully interoperable with other standards based wireless LAN solutions carrying the WiFi (Wireless Fidelity) seal of interoperability

Q. What operating systems does the A040 support?

A. The A040 utilities work with Microsoft Windows 95, Windows 98, Windows 2000, Windows NT4 and Windows Me. However, once configured, the A040 will work with any operating system e.g. an embedded operating system in a printer.

Q. What data rate does the Nokia A040 support?

A. The Nokia A040 has a maximum data rate of 11Mbps, but also supports 1Mbps, 2Mbps and 5.5Mbps.

Q. Will the Nokia A040 work with a 2Mbit/s radio card inserted?

A. No. The Nokia A040 is designed to work only with the Nokia C110 radio card. This card is built into the Nokia A040 and cannot be removed by the user.

Q. Can the Nokia A040 Wireless Client Adapter be upgraded?

A. Yes. The Nokia A040 is designed to be upgradable in the field. From time to time, Nokia will issue upgrades to the A040 firmware. Upgrades are carried out using the Nokia TFTP utility supplied.

Q. Is there any radio hardware in the Nokia A040/41?

A. Yes. The Nokia A040 has a built in Nokia C110 radio card.

Q. Can access to specific web sites be restricted?

A. You cannot restrict access to specific web sites via the access point, this can be done by the installation of third-party software onto the clients.

Q. Do I need to install any drivers?

A. The A040 does not need any additional drivers.

Q. Can I use the Nokia A040 to connect a printer to my LAN?

A. Yes. Connect the A040 to the Ethernet port on the printer, using a standard Ethernet cable.

Q. Can I change the radio card in my Nokia A040 Wireless LAN client?

A. No. The radio card is built into the A040. It can only be changed by Nokia approved service personnel.

Q. What kind of security solutions do Nokia wireless LAN products support?

A. Nokia wireless LAN products support all necessary security solutions. The product CD-ROM gives links to the Nokia Wireless LAN security pages where additional information about tested solutions can be found.

Q. How can I configure the A040?

A. The A040 can be configured using a web browser or Telnet. You can configure the A040 from the client computer or from a remote computer. The A040 is supplied with the Nokia ITProxy utility, allowing the user to manage the unit from its host computer.

Q. Can I use Hyperterminal to manage the A040?

A. No. The A040 does not have a serial connection.

Q. Can I use the A040 in an Ad-hoc network?

A. Yes. The A040 can be configured in Ad-hoc (peer-peer) mode. If the unit finds the configured Ad-hoc network already exists, it will join. If the network does not exist, the A040 will start a new network with the chosen parameters. Other clients can join the network.

Q. The C110 allows me to use a SIM card. Can I use a SIM card in the A040?

A. The A040 has a built in radio card. The user cannot remove this in order to insert a SIM card.

Q. What security does the A040 use?

A. The A040 uses WEP (Wired Equivalent Privacy) to ensure the security of data transmitted over the radio interface. WEP policy can be set to use 40 bit encryption 56 bit, 64 bit, 96 bit or 128 bit encryption for maximum security.

Q. Can I use Personal keys with the A040?

A. Yes. The A040 allows you to set a personal key. This can be based on the unit name or on the MAC address used by the A040.

Q. I don't know what networks are available. Can I join any available network?

A. Yes. By default the A040 will join any available network.

Q. Can I view a list of networks and select the one I want to join?

A. No. Auto-join allows you to join any available network. The A040 is designed to be used in a fixed location where the network administrator will control network selection.

Q. Can I use a Nokia C110 radio card and an A040 with my laptop?

A. Nokia does not recommend this.

Q. Are there any optional accessories?

A. No. The A040 comes with built in C110 radio card. This does not support external antennae. The package includes an Ethernet cable.

Q. What is the coverage area of the A040?

A. This depends on the environment: Outdoors – 400m radius; Indoors – 100m radius.

Q. What is the Operating temperature range of the A040?

A. The operating temperature range is 0°C to 40°C. The storage temperature range is -40°C to +70°C.