

LG-Ericsson  
PCI-1020  
WIRELESS 802.11N PCI ADAPTER

# QUICK INSTALLATION GUIDE



# PACKAGE CONTENTS

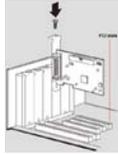
INSTALLATION CD  
INCLUDES SETUP WIZARD & TECHNICAL MANUALS  
LG-ERICSSON PCI-1020 WIRELESS 802.11N PCI ADAPTER  
LOW PROFILE BRACKET

If any of these items are missing from your packaging, please contact your reseller.

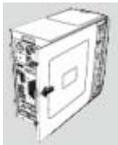
## QUICK INSTALLATION



1. Remove the side panel from your PC



2. Insert the LG-Ericsson PCI-1020 Adapter into one of the PCI slots.



3. Re-attach the side panel once the drives have been installed.

4. The CD contains all the instructions required to set up the LG-Ericsson PCI-1020.
5. Insert the CD ROM into your computer's drive. The setup wizard should start automatically.
6. Click the gray Start button on the welcome screen to begin the Setup Wizard. Follow the instructions on the screen.

### Antenna Specifications:

The LG-Ericsson PCI-1020 Wireless PCI Adapter can be used with the standard 2dBi antenna that is included in the original product package or Laird Technologies TRA24003 3dBi antenna with N-type connector. When used with the Laird Technologies TRA24003 3dBi antenna, use a minimum 20-foot long LMR-240 RF cable.

# TROUBLESHOOTING

## SETUP AND CONFIGURATION PROBLEMS

This section provides solutions to common issues that may occur during the installation and operation of the Wireless PCI-1020 Adapter. If you are unable to find an answer here, check the LG-Ericsson USA website at <http://www.lgericssonus.com>

### 1. THE WIRELESS PCI-1020 DOES NOT WORK PROPERLY?

- Reinsert the wireless PCI-1020 into your PC's PCI slot.
- Right-click on My Computer and select Properties. Select the Device Manager and click on Network Adapter. You will find the LG-Ericsson PCI-1020 if it is installed successfully. If you see the yellow exclamation mark, the resources are conflicting. You will see the status of the PCI Adapter. If there is a yellow question mark, please check the following:
  - Make sure that your PC has a free IRQ (Interrupt Request, a hardware interrupt on a PC)
  - Make sure that you have inserted the right adapter and installed the proper driver.
  - If the Wireless PCI-1020 adapter does not function after attempting the above steps, remove the adapter and do the following:
    - Uninstall the driver software from your PC.
    - Restart your PC and repeat the hardware and software installation as specified in the User Guide.

### 2. I CANNOT COMMUNICATE WITH THE OTHER COMPUTERS LINKED VIA ETHERNET IN THE INFRASTRUCTURE CONFIGURATION?

- Make sure that the PC and the wireless router/access point to which the adapter is associated is powered on.
- Make sure the LG-Ericsson PCI-1020 adapter is configured on the same channel and with the same security options as with the other computers in the infrastructure configuration.

### **Canadian Compliance Statement**

This device complies with RSS 210 of Industry Canada. This Class B device meets all the requirements of the Canadian interference-causing equipment regulations.

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux normes CNR exemptes de licence d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles susceptibles de provoquer un fonctionnement non souhaité de l'appareil.

*Under Industry Canada regulations, this radio transmitter may only operate using a 2dBi dipole antenna approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.*

*This radio transmitter (PCI-1020) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device:*

- *External dipole antenna with maximum gain 2dBi and impedance 50ohm*
- *External dipole antenna with maximum gain 3dBi and impedance 50ohm*

### **Radiation Exposure Statement:**

This equipment complies with CANADA radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## **WARRANTY INFORMATION AND TECHNICAL SUPPORT**

The following warranty only applies in the USA

To register LG-Ericsson products and to review a detailed warranty statement, please refer to the LG-Ericsson US website at:

<http://www.lgericssonus.com>

For technical support assistance, call 1(877)828-2673

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