

GE0421

CE 0186

FCC-ID: NCMOGE0421

Safety Leaflet

Your GE0421 is like a mobile phone

Your GE0421 uses the same technology as a mobile phone. It is important that you always obey all safety regulations related to mobile phone use. If you have any doubt about the safe operation of your GE0421 you should remove the GE0421 from the PC and seek advice from authorized personnel.

1. Safety Measurements

Please read the following guidelines carefully. Not following these guidelines can cause harm to the datacard, yourself or other persons.

1.1 General recommendations for use

- Always treat your product with care and keep in a clean and dust-free place. Do not expose your product to open flames or lit tobacco products.
- Do not expose to liquid, moisture or humidity. Do not expose the GE0421 to rain, or other liquids.
- Do not drop, throw or try to bend your product.
- Do not paint your product.
- Do not attempt to disassemble your product. Doing so may be dangerous and it will void the warranty.
- Do not touch the antenna unnecessarily. (located either inside the product or as an external antenna)

1.2 Traveling: Handle the datacard with care while traveling. It is recommended to remove the datacard from the laptop.

1.3 Ambient temperatures: Do not expose the GE0421 or the antenna to ambient temperatures beyond the range of -25 and +40 degrees Celsius.

1.4 Explosive atmosphere: Turn off your PC in any area with a potentially explosive atmosphere. It is rare, but your PC could generate sparks, which could cause an explosion or fire. Areas with a potentially explosive atmosphere are not always clearly marked. They include fuelling areas (petrol filling stations), below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Do not transport or store your PC and accessories in the compartment of a vehicle, which contains flammable gas, liquid, or explosives.

1.5 Blasting areas – construction sites: Turn off your PC when in a blasting area in order to avoid interfering with two-way radios used in blasting operations.

1.6 Do not use on aircraft: Using a wireless devices on aircraft can cause interference and is illegal. Remove your GE0421 if you intend to use your PC whilst in an aircraft. Do not use it when the plane is on the ground without permission from the aircraft crew.

1.7 Do not use in hospitals: Please ensure you follow any local regulations or rules. People are often asked to switch off all electronic devices in some areas of a hospital; this is a recommendation that Option fully supports. Using the GE0421 close to sensitive electronic devices could possibly result in interference. If you intend to use your PC in such areas, you must remove the GE0421.

1.8 Interference from radio signals: Option relies on advice from health authorities and relevant expert bodies about potential undesired responses to radio emissions from the GE0421.

1.9 Immunity to interference: Electromagnetic interference is the disturbance of the normal operation of a device due to its undesired response to radio signals from an external source. Occasionally in some situations you may hear short sounds coming from audio equipment such as radio or multimedia PC. However, these audible signals do not interfere with the operation of the equipment.

The Directive from the European Commission (2004/108/EC) governing all forms of electronic equipment concerns interference that such equipment produces and its immunity to interference from outside. Any equipment compliant with that directive is unlikely to suffer interference. All wireless devices may get interference, which could affect performance.

1.10 Cardiac pacemakers, implanted defibrillators & other medical implant devices

It is possible that the GE0421 may interfere with some types of pacemakers or implanted defibrillators when operated close to the implanted device. You should seek advice from your doctor that is specific to the implant before using the GE0421. Health authorities in many countries have set up advisory services for medical devices and implants including providing advice about maintaining separation distance between the mobile device or other radio frequency equipment and the implant. Option operating companies reflect the advice given by their relevant health authority or national advisory service and/or as a minimum indicate a separation distance of at least 20 cm between the GE0421 or other radio frequency terminal equipment and the embedded device.

1.11 Hearing devices: People with hearing aids or other cochlear implants may experience interfering noises when using mobile devices or when one is nearby. The level of interference will depend on the type of mobile device, the type of hearing device and the distance between the two. Increasing the distance between the GE0421 and hearing device may reduce interference.

1.12 Children: Do not allow children to play with your GE0421. They could hurt themselves or others, or could accidentally damage the GE0421. Your GE0421 contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

1.13 Driving: Do NOT use the GE0421 while driving; park the vehicle first.

1.14 SIM cards: To protect against damage from electrostatic discharge (ESD) do not touch the SIM card connectors. As a precaution, always make sure that GE0421 is already in your hand before you insert or remove the SIM card.

1.15 Accessories: Only use Option approved accessories. Do not connect with incompatible products. When used with accessories Option can only guarantee safe and correct operation of our products if the accessories are tested and approved by us.

1.16 Safe distance: The GE0421 has been thoroughly tested to comply with SAR requirements. These tests simulate the absorption by the human body of radiation from the GE0421.

This device complies to the SAR regulation as stated by the FCC.

The measurements were made according to the Supplement C to OET Bulletin 65 of the Federal Communications Commission (FCC) Guidelines [OET 65] for evaluating compliance of mobile and portable devices with FCC limits for human exposure (general population) to radiofrequency emissions. The device was tested in lap held position with the bottom of the computer in direct contact against the flat phantom. The FCC guidelines define a limit of 1,6 W/kg averaged over a mass of 1 g.

This device complies to the SAR regulation as stated by the European Council Recommendation..

The SAR limit as defined by the European Council Recommendation is 2,0 W/kg for a mass of 10g (European Council Recommendation 1999 519 EC), based upon ICNIRP guidelines. Details are available upon request.

For day-to-day use we would advise the user to keep a minimum distance from the antenna of 20 cm.

Users concerned with the risk of Radio Frequency exposure may wish to limit the duration of their calls and to position the antenna as far away from the body as is practical.

1.17 Supply voltage: The GE0421 has to be supplied by a limited power source according to EN 60950-1:2001.