Updated Information for the Portégé® 3500/3505 Computer

This information applies to your Toshiba computer and should be noted when operating the specific functions described below:

Connecting the AC adapter

CAUTION: Use only the AC adapter supplied with your computer or an equivalent adapter that is compatible. Use of any incompatible adapter could damage your computer. Toshiba assumes no liability for any damage caused by use of an incompatible adapter.

When you connect the AC adapter to the computer, always follow the steps in the exact order as described in the User's Manual. Connecting the power cable to a live electrical outlet should be the last step otherwise the adapter DC output plug could hold an electrical charge and cause an electrical shock or minor bodily injury when touched. As a general safety precaution, avoid touching any metal parts.

Security

Toshiba recommends that the customer enable the WEP (encryption) function. Otherwise, unwanted access to your computer through a wireless LAN connection can allow for intrusion of, and/or loss or destruction of data.

Toshiba is not liable for the loss or manipulation of data due to the use of wireless LAN and the damage thereof.

SD Cards

You can use an SD card memory module; however, Toshiba does not guarantee that all SD card memory modules available will properly function with the Portégé 3500/3505.

The slot cannot accommodate MultiMedia cards or other SD I/O cards.

Do not remove an SD card while read/write is in progress.

Removing a Compact Flash module

CAUTION: Remove the Compact Flash module only after confirming that the computer is not accessing the Compact Flash card. If you remove the Compact Flash card, or turn off the power while the computer is accessing the card, you may lose data or damage the card.

Tablet mode

When in tablet mode, you may enter your password by tapping the on-screen keyboard using the tablet pen, instead of using the computer keyboard.

A beep sounds for each entry on the on-screen keyboard, and an asterisk is displayed for every character entered.

Press the **Enter** [Ent] key on the on-screen keyboard after entering the password.

NOTE: If you enter the password incorrectly three times in a row, the computer shuts off. In this case, you must turn the computer back on to retry password entry.

Real time clock battery

If the RTC battery completely discharges, the system loses data and the real time clock and calendar no longer function. The following message appears when you turn on the computer:

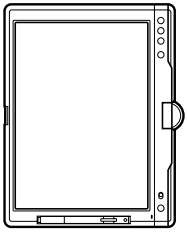
****** RTC battery is low or CMOS checksum is inconsistent ******

Press [F1] key to set Date/Time.

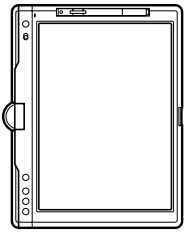
Changing the screen orientation

The orientation of desktop screen can be changed to one of the following four display modes:

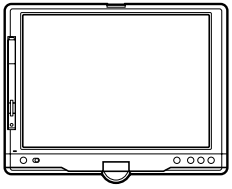
Primary portrait



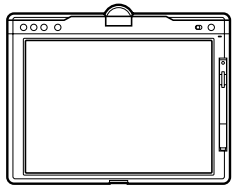
Secondary portrait



Primary landscape



Secondary landscape



You must have your computer in Primary landscape mode to use or perform the following:

- 3D game software
- 3D screen saver
- Playback of motion pictures, such as DVD-Video using an external DVD-ROM Drive.

CAUTION: Do not play 3D game software or play DVD-Videos on the computer in an orientation other than Primary landscape. DVD playback software will run only in Primary landscape view.

Symbol Commander™

When using the Microsoft Paint program with Symbol Commander enabled, a second color can be selected but not used, because any Tablet Pen movement while holding the button is interpreted as an attempt to make a symbol.

You may experience similar limitations when using Windows Journal.

If you wish to disable Symbol Commander, right click the Symbol Commander icon in the taskbar. To re-enable Symbol Commander, simply right click the icon again.

Important information for the optional Bluetooth™ and Wi-Fi™ modules

Your computer may ship with an integrated Bluetooth or Wi-Fi module. In this case, be sure to note the following important information about the installation and use of Bluetooth and/or Wi-Fi with various operating systems and applications:

Wireless Interoperability

The Toshiba Wireless LAN Mini PCI Card products are designed to be interoperable with any wireless LAN product that is based on Direct Sequence Spread Spectrum (DSSS) radio technology, and is compliant to:

- The IEEE 802.11 Standard on Wireless LANs (Revision B), as defined and approved by the Institute of Electrical and Electronics Engineers.
- The Wireless Fidelity (WiFi) certification as defined by the WECA Wireless Ethernet Compatibility Alliance.

Caution

Bluetooth and WirelessLAN devices operate within the same radio frequency range and may interfere with one another. If you use Bluetooth and WirelessLAN devices simultaneously, you may occasionally experience a less than optimal network performance or even lose your network connection.

If you should experience any such problem, immediately turn off either one of your Bluetooth or WirelessLAN.

For more information, please visit Toshiba's support support site at www.pcsupport.toshiba.com.

Wireless LAN and your Health

Wireless LAN products, like other radio devices, emit radio frequency electromagnetic energy. The level of energy emitted by Wireless LAN devices however is far much less than the electromagnetic energy emitted by wireless devices, for example mobile phones.

Because Wireless LAN products operate within the guidelines found in radio frequency safety standards and recommendations, Toshiba believes Wireless LAN is safe for use by consumers. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature.

In some situations or environments, the use of Wireless LAN may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may for example include:

- Using the Wireless LAN equipment on board of airplanes, or

- In any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use the Wireless LAN device prior to turning on the equipment.

Regulatory Information

The Toshiba Wireless LAN Mini PCI Card must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. This device complies with the following radio frequency and safety standards.

Canada – Industry Canada (IC)

This device complies with RSS 210 of Industry Canada.

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 this device.

L'utilisation de ce dispositif est autorisée seulement aux conditions suivantes: (1) il ne doit pas produire de brouillage et (2) l'utilisation du dispositif doit étre prét à accepter tout brouillage radioélectrique recu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.

IC: 248H-DPA350S

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC with essential test suites as per standards:

- EN 60950 Safety of Information Technology equipment
- ETS 300 328 Technical requirements for radio equipment
- ETS 300 826 General EMC requirements for radio equipment.

BelgiÎ Belgique:	For outdoor usage only channel 10 (2457 MHz) and 11 (2462 MHz) is allowed. For private usage outside buildings across public grounds over less than 300m no special registration with IBPT/BIPT is required. Registration to IBPT/BIPT is required for private usage outside buildings across public grounds over more than 300m. An IBPT/BIPT license is required for public usage outside building. For registration and license please contact IBPT/BIPT.
	Gebruik buiten gebouw alleen op kanalen 10 (2457 MHz) en 11 (2462 MHz). Voor privÈ-gebruik buiten gebouw over publieke groud over afstand kleiner dan 300m geen registratie bij BIPT/IBPT nodig; voor gebruik over afstand groter dan 300m is wel registratie bij BIPT/IBPT nodig. Voor publiek gebruik buiten gebouwen is licentie van BIPT/IBPT verplicht. Voor registratie of licentie kunt u contact opnemen met BIPT.
	L'utilisation en extÈrieur est autorisÈ sur le canal 10 (2457 MHz) et 11 (2462 MHz). Dans le cas d'une utilisation privÈe, ‡ l'extÈrieur d'un b‚timent, au-dessus d'un espace public, aucun enregistrement n'est nÈcessaire pour une distance de moins de 300m. Pour une distance supÈrieure ‡ 300m un enregistrement auprËs de l'IBPT est requise. Pour une utilisation publique ‡ l'extÈrieur de b‚timents, une licence de l'IBPT est requise. Pour les enregistrements et licences, veuillez contacter l'IBPT.
Deutschland:	License required for outdoor installations. Check with reseller for procedure to follow
	Anmeldung im Outdoor-Bereich notwendig, aber nicht genehmigungspflichtig.Bitte mit H‰ndler die Vorgehensweise abstimmen.

France:	Restricted frequency band: only channels 10 and 11 (2457 MHz and 2462 MHz respectively) may be used in France. License required for every installation, indoor and outdoor installations. Please contact ART for procedure to follow.
	Bande de frÈquence restreinte : seuls les canaux 10 ‡ 11 (2457 et 2462 MHz respectivement) doivent Ítre utilisÈs en France. Toute utilisation, qu'elle soit intÈrieure ou extÈrieure, est soumise ‡ autorisation. Vous pouvez contacter I'AutoritÈ de RÈgulation des TÈlÈcommuniations (http://www.art-telecom.fr) pour la procÈdure ‡ suivre.
Italia:	License required for indoor use. Use with outdoor installations not allowed
	E'necessaria la concessione ministeriale anche per l'uso interno. Verificare con i rivenditori la procedura da seguire. L'uso per installazione in esterni non e' permessa.
Nederland	License required for outdoor installations. Check with reseller for procedure to follow
	Licentie verplicht voor gebruik met buitenantennes. Neem contact op met verkoper voor juiste procedure

USA-Federal Communications Commission (FCC)

This device complies with Part 15 of FCC Rules. Operation of the devices in a Wireless LAN System is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference that may cause undesired operation.

Caution: Exposure to Radio Frequency Radiation

The radiated output power of the Toshiba Wireless LAN Mini PCI Card is far below the FCC radio frequency exposure limits.

Nevertheless, the Toshiba Wireless LAN mini PCI Card shall be used in such a manner that the potential for human contact during normal operation is minimized. The antenna(s) used in this device are located at the upper edge of the LCD screen, and this device has been tested as portable device as defined in Section 2.1093 of FCC rules when the LCD screen is rotated 180 degree and covered the keyboard area. In addition, Wireless LAN has been tested with Bluetooth transceiver (FCC ID:CJ6UPA3232BT) for co-location requirements. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: Changes or modifications made to this equipment not expressly approved by Toshiba or parties authorized by Toshiba could void the user's authority to operate the equipment.

Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Toshiba is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this Toshiba Wireless LAN Mini PCI Card, or the substitution or attachment of connecting cables and equipment other than specified by Toshiba.

The correction of interference caused by such unauthorized modification, substitution or attachment will be the responsibility of the user.

Taiwan

Article 14	Unless approved, for any model accredited low power radio frequency electric machinery, any company, trader or user shall not change the frequency, increase the power or change the features and functions of the original design
Article 17	Any use of low power radio frequency electric machinery shall not affect the aviation safety and interfere with legal communications. In event that any interference is found, the use of such electric machinery shall be stopped immediately, and reusing of such products can be resumed until no interference occurs after improvement. The legal communications mentioned in the above item refer to radio communications operated in accordance with telecommunication laws and regulations. Low power radio frequency electric machinery shall resist against interference from legal communications or from industrial, scientific and medical radio emission electric machinery.

Using this equipment in Japan

In Japan, the frequency bandwidth of 2,400/2,483.5 MHz for second generation low-power data communication systems such as this equipment overlaps that of mobile object identification systems (premises radio station and specified low-power radio station).

Sticker

Please put the following sticker on devices incorporating this product.

In the frequency bandwidth of this equipment, industrial device, scientific device, medical device like microwave oven, licensed premises radio station and non-licensed specified low-power radio station for mobile object identification system (RF-ID) that is used in product line of factories, (Other Radio Stations) are used.

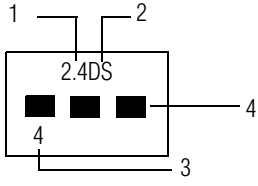
1 Please make sure before using this equipment that no Other Radio Stations are used in the neighborhood.

2 In case that RF interference occurs to Other Radio Stations from this equipment, please change promptly the frequency for use, place to use, or stop emitting Radio.

3 Please contact Toshiba Direct PC if you have a problem, such as interference from this equipment to Other Radio Stations

Indication

The indication shown below appears on this equipment.



1 This equipment uses a frequency of 2.4 GHz.

2 This equipment uses DS-SS modulation.

3 The interference range of this equipment is less than 40m.

4 This equipment uses a frequency bandwidth from 2,400 MHz to 2,483.5 MHz.

It is possible to avoid the band of mobile object identification systems.

Device Authorization

This device obtains the Technical Regulation Conformity Certification and the Technical Conditions Compliance Approval, and it belongs to the device class of radio equipment of low-power data communication system radio station stipulated in the Radio Law and the Telecommunications Business Law of Japan.

The Name of the radio equipment: MPCI3A-20/R

JAPAN APPROVALS INSTITUTE FOR TELECOMMUNICATIONS EQUIPMENT

Approval Number: D01-1128JP

TELECOM ENGINEERING CENTER

Approval Number: 01NYA1088

The following restrictions apply:

- Do not disassemble or modify the device.
- Do not install the embedded wireless module into other device.

Approved Countries/Regions for use (Toshiba Wireless LAN Mini PCI Card)

This equipment is approved to the radio standards by the countries/regions in Figure 1 below.

CAUTION: Do not use this equipment except in the regions listed in the table below.:

Australia	Austria	Belgium
Canada	Denmark	Finland
Germany	Iceland	Ireland
Japan	Luxembourg	Netherlands
New Zealand	Norway	Sweden
Switzerland	UK	USA
Greece	Italy	France
Portugal	Spain	

Figure 1: Countries/Regions that have approved the Toshiba Wireless LAN Mini PCI Card

Bluetooth wireless technology Interoperability

Bluetooth™ Cards from Toshiba are designed to be interoperable with any product with Bluetooth wireless technology that is based on Frequency Hopping Spread Spectrum (FHSS) radio technology, and is compliant to:

- Bluetooth Specification Ver.1.1, as defined and approved by The Bluetooth Special Interest Group.

- Logo certification with Bluetooth wireless technology as defined by The Bluetooth Special interest Group.

CAUTIONS: Bluetooth™ wireless technology is a new innovative technology, and Toshiba has not confirmed compatibility of its Bluetooth products with all PCs and/or equipment using Bluetooth wireless technology other than Toshiba portable computers.

Always use Bluetooth cards from Toshiba in order to enable wireless networks over two or more (up to a total of seven) Toshiba portable computers using these cards. Please contact Toshiba PC product support at www.pcsupport.toshiba.com.

When you use Bluetooth cards from Toshiba close to 2.4 GHz Wireless LAN devices, Bluetooth transmissions might slow down or cause errors. If you detect certain interference while you use Bluetooth cards from Toshiba, always change the frequency, move your PC to the area outside of the interference range of 2.4 GHz Wireless LAN devices (40 meters/43.74 yards or more) or stop transmitting from your PC. Please contact Toshiba PC product support at www.pcsupport.toshiba.com.

Bluetooth™ and WirelessLAN devices operate within the same radio frequency range and may interfere with one another. If you use Bluetooth™ and WirelessLAN devices simultaneously, you may occasionally experience a less than optimal network performance or even lose your network connection. If you should experience any such problem, immediately turn off either one of your Bluetooth™ or WirelessLAN.

Bluetooth wireless technology and your Health

The products with Bluetooth wireless technology, like other radio devices, emit radio frequency electromagnetic energy. The level of energy emitted by devices with Bluetooth wireless technology however is far much less than the electromagnetic energy emitted by wireless devices like for example mobile phones.

Because products with Bluetooth wireless technology operate within the guidelines found in radio frequency safety standards and recommendations, Toshiba believes Bluetooth wireless technology is safe for use by consumers. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature.

In some situations or environments, the use of Bluetooth wireless technology may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may for example include:

- Using the equipment with Bluetooth wireless technology on board of airplanes, or
- In any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use the device with Bluetooth wireless technology prior to turning on the equipment.

Regulatory statements

General

This product complies with any mandatory product specification in any country/ region where the product is sold. In addition, the product complies with the following.

European Union (EU) and EFTA

This equipment complies with the R&TTE directive 1999/5/EC and has been provided with the CE mark accordingly.

Canada IC Notice

This device complies with RSS 210 of Industry Canada.

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 this device.

L ‘ utilisation de ce dispositif est autorisée seulement aux conditions suivantes : (1) il ne doit pas produire de brouillage et (2) l’ utilisateur du dispositif doit étre prét à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.

IC: 248H-DPA350S

Caution: FCC Interference Statement

This device complies with part15 of the FCC rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

NOTE: Any changes or modifications to this equipment not expressly approved by the manufacturer may void the authorization to operate this equipment.

Caution: Exposure to Radio Frequency Radiation.

The radiated output power of the Bluetooth™ Cards from Toshiba is far below the FCC radio frequency exposure limits. Nevertheless, the Bluetooth™ Cards from Toshiba shall be used in such a manner that the potential for human contact during normal operation is minimized. This device has been tested with Wireless LAN (FCC ID:CJ6PA3171WL) for co-location requirements. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: Changes or modifications made to this equipment not expressly approved by Toshiba or parties authorized by

Toshiba could void the user's authority to operate the equipment.

Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Toshiba is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this Bluetooth™ Cards from Toshiba, or the substitution or attachment of connecting cables and equipment other than specified by Toshiba.

The correction of interference caused by such unauthorized modification, substitution or attachment will be the responsibility of the user.

Taiwan

Article 14 Unless approved, for any model accredited low power radio frequency electric machinery, any company, trader or user shall not change the frequency, increase the power or change the features and functions of the original design

Article 17 Any use of low power radio frequency electric machinery shall not affect the aviation safety and interfere with legal communications. In event that any interference is found, the use of such electric machinery shall be stopped immediately, and reusing of such products can be resumed until no interference occurs after improvement.

The legal communications mentioned in the above item refer to radio communications operated in accordance with telecommunication laws and regulations.

Low power radio frequency electric machinery shall resist against interference from legal communications or from industrial, scientific and medical radio emission electric machinery.

Using the Toshiba Bluetooth Card in Japan

In Japan, the frequency bandwidth of 2,400~ 2,483.5 MHz for second generation low-power data communication systems such as this equipment overlaps that of mobile object identification systems (premises radio station and specified low-power radio station).

Sticker

Please put the following sticker on PC incorporating this product.

In the frequency bandwidth of this equipment, industrial device, scientific device, medical device like microwave oven, licensed premises radio station and non-licensed specified low-power radio station for mobile object identification system (RF-ID) that is used in product line of factories, (Other Radio Stations) are used.

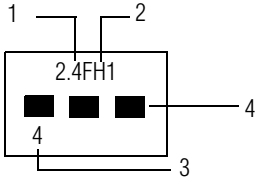
1 Please make sure before using this equipment that no Other Radio Stations are used in the neighborhood.

2 In case that RF interference occurs to Other Radio Stations from this equipment, please change promptly the frequency for use, place to use, or stop emitting Radio.

3 Please contact Toshiba Direct PC if you have a problem, such as interference from this equipment to Other Radio Stations

Indication

The indication shown below appears on this equipment.



1 This equipment uses a frequency of 2.4 GHz.

2 This equipment uses FH-SS modulation.

3 The interference range of this equipment is less than 10m.

4 This equipment uses a frequency bandwidth from 2,400 MHz to 2,483.5 MHz. It is impossible to avoid the band of mobile object identification systems.

Device Authorization

This device obtains the Technical Regulation Conformity Certification and the Technical Conditions Compliance Approval, and it belongs to the device class of radio equipment of low-power data communication system radio station stipulated in the Radio Law and the Telecommunications Business Law of Japan.

The Name of the radio equipment: EYXF2CS

TELECOM ENGINEERING CENTER

Approval Number: 01NYDA1305

The following restrictions apply:

Do not disassemble or modify the device.

Do not install the embedded wireless module into other device.

Approved Countries/Regions for use (Bluetooth wireless technology)

The Toshiba Bluetooth Card is approved to the radio standards by the countries/regions in Figure 1 below.

CAUTION: Do not use this equipment except in the regions listed in the table below.:

Australia	Austria	Belgium
Canada	Denmark	Finland
Germany	Iceland	Ireland
Japan	Luxembourg	Netherlands
New Zealand	Norway	Sweden
Switzerland	UK	USA
Greece	Italy	France
Portugal	Spain	Liechtenstein

Figure 1: Countries/Regions that have approved the Toshiba Bluetooth Card

Trademarks

Bluetooth is a trademark owned by its proprietor and used by Toshiba under license.