LAN   The computer is equipped with a LAN card that supports Ether Ethernet LAN (10Mbit/s,10BASE-T)and Fast Ethernet LAN(100 Mbit/s,100BASE-Tx).

WirelessLAN   In some markets, the computer is equipped with a Wireless LAN mini-PCI card that is compatible with other LAN systems based on Direct Sequence Spread Spectrum radio technology that complies with the IEEE 802.11 Standard(Revision A or B). Revision-A supports data transfer up to 54 Mbit/s. Revision-B supports data transfer up to 11 Mbit/s. Turbo Mode (USA, Canada only) supports data transfer up to 108 Mbit/s. It has Frequency Channel Selection (5GHz or 2.4 GHz) and allows roaming over multiple channels. This description is applicable to the model equipped with wireless LAN function.

Bleutooth   Circuit supporting Bluetooth communications standards enable wireless connection to compatible devices. This description is applicable to the model equipped with Bluetooth function.

Security

Security lock slot Connect on optical security lock to anchor the computer to a desk or other large object

Software

Operating System One of the following operating systems are Windows XP Tablet PC Edition. Refer to the preinstalled software section at the front of this chapter.

TOSHIBA Utilities A number of utilities and drivers are preinstalled to make your computer more convenient to use. Refer to the *Utilities* section in this chapter.

Plug and Play   When you connect an external device to the computer or when you install a component, Plug and Play capability enables the system to recognize the connection and make to necessary configurations automatically.

Wireless communications

The computer's wireless communication function supports both wireless LAN and Bluetooth device.
In this chapter, the descriptions on Wireless LAN or Bluetooth are applicable to the model equipped with Wireless LAN or Bluetooth function respectively.

Wireless LAN

The wireless LAN is compatible with other LAN systems based on Direct Sequence Spread Spectrum radio technology that complies with IEEE 802.11 wireless LAN standard (Revision A or B) and Turbo Mode. It supports the following features:

Automatic Transmit Rate Select mechanism in the transmit range of 54,48,36,24,18,12,9 and 6 Mbit/s.(Revision A)

Automatic Transmit Rate Select mechanism in the transmit range of 11, 5.5, 2 and 1 Mbit/s.(Revision B)

Automatic Transmit Rate Select mechanism in the transmit range of 108,96,72,48,36,24,18,and 12 Mbit/s.(Turbo Mode)

Frequency Channel Selection (Revision A/Turbo Mode:5GHz Revision B:2.4GHz)

Roaming over multiple channels

Card Power Management

Wired Equivalent Privacy (WEP) data encryption, based on the 152 bit RC4 encryption algorithm as defined in the IEEE 802.11 standard on wireless LANs.

Advanced Encryption Standard(AES)data encryption, based on the 256 bit encryption algorithm.

Wake-up on LAN does not function on a wireless LAN.

Bluetooth wireless technology

Bluetooth™ wireless technology eliminates the need for cables between electronic device such as desktop computers, printers and mobile phones.

You cannot use the built-in Bluetooth functions and an optional Bluetooth PC card simultaneously.

Bluetooth wireless technology has the following features:

Worldwide operation

The Bluetooth radio transmitter and receiver operates in the 2.45 GHz band, which is license-free and compatible with radio systems in most countries in the world.

Radio link

You can easily establish links between two or more devices. The link is maintained even if the devices are not within line of sight.

Wireless LAN

In some markets, the computer is equipped with a Wireless LAN mini-PCI card that is compatible with other LAN systems based on Direct Sequence Spread Spectrum radio technology that complies with the IEEE 802.11 Standard (Revision A or B). Revision-A supports data transfer up to 54 Mbit/s. Revision-B supports data transfer up to 11 Mbit/s. Turbo Mode (USA, Canada only) supports data transfer up to 108 Mbit/s. It has Frequency Channel Selection (5GHz or 2.4 GHz) and allows roaming over multiple channels.
For a description of Wireless LAN features and TOSHIBA Wireless LAN card specifications, refer to the online manual.
For details on Wireless LAN settings, refer to the LAN Card Settings help file.
These reference has the latest information.