



Asus 54Mbps User Manual

54mbps usb wireless lan adapter

1
2
Table Of Contents
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

--

•

[Table of Contents](#)

-

Troubleshooting

•

Bookmarks

--

Quick Links

[Download this manual](#) See also: [User Manual](#)



®

54Mbps

USB Wireless LAN Adapter

(WL-167g)

User Guide



[Table of Contents](#)

[Next Page](#)

1
2
3
4
5

Related Manuals for Asus 54Mbps

[Wireless Access Point Asus 54Mbps Pocket Wireless Access Point WL-330g User Manual](#)

54mbps pocket wireless access point (wl-330g) user guide (70 pages)

[Adapter Asus WL-167g Quick Start Manual](#)

54mbps usb wireless lan adapter (196 pages)

[Adapter Asus WL167GV2 User Manual](#)

54mbps usb wireless lan (48 pages)

[Adapter Asus WL-167G Manual](#)

Wireless local area network adapter (46 pages)

[Adapter Asus WL-167g Quick Start Manual](#)

54 mbps usb wireless lan adapter (25 pages)

[Adapter Asus WL-167g Quick Start Manual](#)

54mbps usb wireless lan adapter (11 pages)

[Adapter Asus cs10 Chromebit Quick Start Manual](#)

(16 pages)

[Adapter Asus USB-N14 User Manual](#)

Dual-band wireless-ac600 usb adapter (26 pages)

[Adapter Asus USB-N14 Quick Start Manual](#)

Wireless n-300 usb adapter (2 pages)

[Adapter Asus USB-BT500 Quick Start Manual](#)

Bluetooth 5.0 usb adapter (48 pages)

[Adapter Asus USB-BT500 Quick Start Manual](#)

Bluetooth 5.0 usb adapter (17 pages)

[Adapter Asus Vivo DualBay User Manual](#)

(12 pages)

[Adapter Asus USB-BT211 Mini Bluetooth Dongle Quick Start Manual](#)

Mini usb bluetooth adapter (31 pages)

[Adapter Asus PIKE 2308 User Manual](#)

Lsisas raid card (62 pages)

[Adapter Asus PL-E56P Quick Start Manual](#)

1200 mbps wi-fi homeplug av1200 powerline adapter kit (2 pages)

[Adapter Asus EA-N66 Quick Start Manual](#)

Dual-band wireless-n ethernet adapter (45 pages)

Summary of Contents for Asus 54Mbps

[Page 1](#) ® 54Mbps USB Wireless LAN Adapter (WL-167g) User Guide...

[Page 2](#) Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification or alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

[Page 3: Table Of Contents](#)

Contents Notice ... v Safety statements ... vi About this guide ... viii WL-167g specification

summary ... ix Chapter 1: Product introduction 1.1 Welcome! ... 1-2 1.2 Package contents ... 1-2 1.3 Features ... 1-3 1.4 Network setup ... 1-4 1.4.1 Ad-hoc network ...

[Page 4](#) Contents 3.2 Wireless Settings ... 3-4 3.2.1 Status ... 3-4 3.2.2 Configuration ... 3-7 3.2.3 Site Survey ... 3-9 3.2.4 About Wireless Settings ... 3-10 3.2.5 Link State ... 3-10 3.2.6 Command icons ... 3-11 3.2.7 Other right-click options ... 3-11 3.3 Mobile Manager ... 3-13 3.3.2 Creating a new configuration ...

[Page 5: Notice](#)

Notices Federal Communications Commission Statement This device complies with FCC Rules Part 15. 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. This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules.

[Page 6: Safety Statements](#)

Safety statements Regulatory Information/Disclaimers Installation and use of this Wireless LAN device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

[Page 7](#) Safety statements FCC Radio Frequency Exposure This Wireless LAN radio device has been evaluated under FCC Bulletin OET 65C and found compliant to the requirements as set forth in CFR 47 Sections 2.1091, 2.1093, and 15.247(b)(4) addressing RF Exposure from radio frequency devices.

[Page 8: About This Guide](#)

How this guide is organized This guide contains the following parts: • Chapter 1: Product introduction This chapter describes the physical features of the ASUS USB Wireless LAN Adapter. This part also presents the package contents, LED indicators, and recommended network settings. •...

[Page 9: WL-167G Specification Summary](#)

Supported OS Software support * Specifications are subject to change without notice. ** Line-of-Sight The ASUS USB Wireless LAN Adapter operating distance may be shorter if there are walls, barriers, or interferences in the home layout or operating environment. IEEE 802.11g USB 2.0...

[Page 11: Chapter 1: Product Introduction](#)

Chapter 1 This chapter describes the physical features of the ASUS USB Wireless LAN Adapter. This part presents the package contents, LED indicators, and recommended network settings. Product introduction...

[Page 12: Welcome](#)

LAN adapter. Conforming to IEEE 802.11g standard for wireless local area network (WLAN), the ASUS USB Wireless LAN Adapter is capable of up to 54Mbps data transmission rate using the Direct Sequence Spread Spectrum (DSSS) and the Orthogonal Frequency Division Multiplexing technologies.

[Page 13: Led Indicators](#)

The adapter is not receiving power from the USB port. The adapter may be disconnected or the computer is OFF. Blinking The adapter is transmitting or receiving data packets. There is no wireless data activity. ASUS WL-167g USB wireless LAN adapter...

[Page 14: Network Setup](#)

1.5 Network setup The ASUS USB Wireless LAN Adapter may be used in both Ad-hoc and Infrastructure network types. The following sections describe the device functions in these network types. Determine your network settings before installing the device to avail all its features.

[Page 15: Chapter 2: Installation](#)

Chapter 2 This chapter provides information on how to install the ASUS USB Wireless LAN Adapter. Installation...

[Page 16: System Requirements](#)

An available USB port (USB 2.0 recommended because USB 1.1 cannot achieve maximum wireless performance) 2.2 Installation procedures Follow these instructions to install the ASUS USB Wireless LAN Adapter in your computer. 1. Install the device drivers and utilities from the support CD.

[Page 17: Installing The Device](#)

® Windows XP users - A Windows Logo Testing Not Found dialog box may appear. Click Continue Anyway to proceed. 3. After completing installation, configure the ASUS USB Wireless LAN Adapter using ASUS Wireless Settings. Support Software Control Center The Control Center utility is a management software that launches applications and configures network settings.

[Page 18](#) Chapter 2: Installation...

[Page 19: Chapter 3: Software Support](#)

Chapter 3 This chapter provides information on the softwares and utilities inside the support CD Software support...

[Page 20: Control Center](#)

3.1 Control Center The Control Center utility is a management software that launches applications and configures network settings. The Control Center starts automatically when the system boots and displays the Control Center icon in the Windows ® taskbar. The Control Center icon serves as an application launcher, and indicator of signal quality and Internet connection.

[Page 21: Control Center Right-Click Menu](#)

XP wireless networking environment. The Wireless Option window appears when you select this option. Select "Only use ASUS utilities and disable XP wireless function" to avail all ASUS USB wireless LAN adapter features. Click OK. ASUS WL-167g USB wireless LAN adapter...

[Page 22: Wireless Settings](#)

3.2 Wireless Settings The Wireless Settings is the main Tabbed property sheets interface that allows you to control the ASUS wireless LAN adapter. Use the Wireless Settings to view the operational and connection status, or to modify the wireless LAN adapter configuration.

[Page 23: Connection Tab](#)

Ping. Click to display the Ping tab. Use ping to verify a connection to a particular host name or IP address. The IP Release and IP Renew buttons may only be used on a DHCP-configured wireless LAN adapter. ASUS WL-167g USB wireless LAN adapter...

[Page 24](#) Ping tab The Ping tab allows you to verify the connection of your computer with another computer in a network. To ping a connection: 1. Type the IP address of the connection you want to verify in the IP Address field. 2.

[Page 25: Configuration](#)

When the "Data Rate" is changed, the adapter will survey available APs and connect to the AP with the strongest signal. Others. Click the WEP or Advanced link to open the Encryption or Advanced property tab sheet. ASUS WL-167g USB wireless LAN adapter...

[Page 26: Encryption Tab](#)

Encryption tab Wireless data transmissions between your wireless LAN adapter and the AP are secured using the Wired Equivalent Privacy (WEP) encryption. Check the Data encryption (WEP enabled) option to assign the WEP keys. Check the Network Authentication (Shared Mode) option if you wish to use a network key to authenticate a preferred wireless network.

[Page 27: Site Survey](#)

STA indicates an Ad-hoc network type. WEP - shows whether a network has an enabled (On) or disabled (Off) WEP encryption. Select an available network and click Connect to establish connection. Click Search to rescan available networks. ASUS WL-167g USB wireless LAN adapter...

[Page 28: About Wireless Settings](#)

3.2.4 About Wireless Settings Click the About icon to view the software version, driver version, and copyright information. 3.2.5 Link State Displays the current connection status of the wireless LAN adapter to the AP or to other Wi-Fi devices. An icon represents the Link State for easy identification.

[Page 29: Command Icons](#)

Control Center and Wireless Settings utilities. Right-click the Control Center icon, then select Help. Select a utility to display the help window. Preferences The Preferences window allows you to customize the Control Center Utility settings. ASUS WL-167g USB wireless LAN adapter 3-11...

[Page 30](#) About Control Center Select the About Control Center option to display the Control Center software version and copyright information. 3-12 Chapter 3: Software support...

[Page 31: Mobile Manager](#)

To launch the Mobile Manager utility: ® 1. Click the Windows Start button. Select Programs > ASUS Utility > WLAN Card > Mobile Manager, or right-click the Control Center icon ® on the Windows taskbar, then select Mobile Manager.

[Page 32: File Menu](#)

- Select to close the Mobile Manager utility. Mobilize menu Auto Roaming - Activating this option allows the ASUS USB Wireless LAN Adapter to switch to another association you have specified when changes to an existing association occurred. If no associations are made, Auto Roaming automatically connects to a wireless network based on your specified configurations.

[Page 33: Creating A New Configuration](#)

Help menu Contents - Displays the WinHelp window for online help. About Mobile Manager number and copyright information. Click on the ASUS logo to open the ASUS website. 3.3.2 Creating a new configuration To create a new configuration: 1. Launch the New Configuration Wizard by clicking File from the menu...

[Page 34](#) Click Next when done. • ASUS Wireless Local Area Network Configuration. Select this option if you have an installed ASUS USB Wireless LAN Adapter in your computer. • Wired Local Area Network Configuration. Select this if your computer has an installed network interface card other than ASUS USB Wireless LAN Adapter.

[Page 35](#) Specify the IP address using the DHCP server (automatic) or manual assignment. The wizard auto-detects and displays the current system settings. Click Next when done. 6. Enter the computer name, then click Next. ASUS WL-167g USB wireless LAN adapter 3-17...

[Page 36](#) 7. Use this window to set the proxy server and printer sharing. Click Advanced to display the proxy server and printer sharing options. Click Next when finished. 8. Check the Activate Configuration Now option to start using the created configuration. The Mobile Manager window displays the created configuration when it is not activated.

[Page 37: Editing A Configuration](#)

Network Type Infrastructure - Select the Infrastructure mode to establish connection to an access point. Ad-hoc - Select the Ad-hoc mode to communicate directly with other WLAN devices without using an access point. ASUS WL-167g USB wireless LAN adapter 3-19...

[Page 38](#) Channel - The Channel field allow you to select the radio channel for the ASUS USB Wireless LAN Adapter. In an Infrastructure network, your wireless LAN adapter automatically selects the correct frequency channel required to communicate with an Access Point.

[Page 39: Internet Settings](#)

(Intranet) and the Internet. A proxy server restricts other people on the Internet from gaining access to confidential information on your internal network or your computer. Disable Proxy Server – Allows you to disable the proxy server. ASUS WL-167g USB wireless LAN adapter 3-21...

[Page 40](#) Enable Proxy Server – Use the Proxy server to access the Internet. Use the same proxy server for all protocols – Specifies whether you want to use the same proxy server to gain access to the Internet using all protocols. Servers field –...

[Page 41: Site Monitor](#)

(SNR) value of a selected connection. Some Access Points disable their SSID broadcasting to hide themselves from “Site Survey” or “Site Monitor”. You may join these APs if you know their SSID. ASUS WL-167g USB wireless LAN adapter 3-23...

[Page 42: Monitoring A Connection](#)

3.4.3 Monitoring a connection To monitor a connection: 1. Select the connection from the list. 2. Click Command from the menu bar, then select monitor. You may also press <Ctrl> <M> in your keyboard. The Monitor window appears. The following connection parameters are displayed in graphical representation. SNR.

[Page 43: Troubleshooting](#)

Chapter 4 This chapter contains a troubleshooting guide for solving common problems you may encounter when using the ASUS USB Wireless LAN Adapter. Troubleshooting...

[Page 44](#) Troubleshooting This troubleshooting guide provides answers to some common problems which you may encounter while installing and/or using ASUS Wireless LAN card products. These problems requires simple troubleshooting that you can perform by yourself. Contact the Wireless LAN Technical Support if you encounter problems not mentioned in this section.

[Page 45](#) Internet. I cannot connect to another station with a wireless LAN device. ASUS WL-167g USB wireless LAN adapter Action • Check if the Network Type of the device is set to Infrastructure mode. • Check if the device has the same Service Set Identifier (SSID) as that of the AP.

[Page 46](#) • Shorten the distance between the device and the AP/station. This warning message appears when you plug the ASUS USB Wireless LAN Adapter to a USB 1.1 port. • For Windows® XP users, you need to upgrade your OS to Service Pack 1 to convert your USB ports to USB 2.0.

[Page 47](#) Windows 98SE, my system becomes very slow and stops responding. ASUS WL-167g USB wireless LAN adapter Action • This is a limitation with computers equipped with Intel/NVIDIA USB 2.0 controller and running the newest OrangeWare USB 2.0 driver.

[Page 48](#) Chapter 4: Troubleshooting...

This manual is also suitable for:

WL-167g