



Asus ACM6000EB User Manual

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

--	--

•

[Table of Contents](#)

•

Bookmarks

--

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[Table of Contents](#)

[Next Page](#)

1
2
3
4
5

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Summary of Contents for Asus ACM6000EB

[Page 1](#) ACM6000EB Cable Modem User's Manual...

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[Page 3: Table Of Contents](#)

Contents Introduction Overview 4 Features4 Package
Contents4 Preparations System Requirement5 Installing a Network

Card	5	Installing the TCP/IP Protocol	6	Checking if TCP/IP is already installed	6	Adding TCP/IP in Network properties	6	Changing TCP/IP Settings	
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[Page 4: Introduction](#)

Introduction Thank you for purchasing the ASUS ACM6000EB DOCSIS-compliant cable modem. This Overview cable modem delivers the highest performance in data over cable technology. Ideal for home and small business users, this easy-to-use communication device offers reliable connectivity as well as remarkable data transfer rates--up to 43Mbps downstream and 10Mbps upstream, 100 times faster than a 56K dial-up modem.

[Page 5: Preparations](#)

If your system does not have an embedded LAN controller, you must install a network Installing a interface card as instructed below (assuming that you are using the ASUS PCI-L101 Fast Network Card Ethernet card under the operating system of Windows 98): 1.

[Page 6: Installing The Tcp/Ip Protocol](#)

Preparations • Checking if TCP/IP is already installed Installing the 2. In the list of installed network compo- TCP/IP 1. Click the Start button on the nents try to find the TCP/IP protocol. It desktop. In the Settings menu, select Protocol may be followed by the name of the Ethernet controller.

[Page 7: Using The Cable Modem](#)

Using the Cable Modem Front Panel POWER STATUS CABLE TEST LED Indicator State Description 1. Power LED Modem is powered ON Modem is powered OFF 2. Status LED Modem successfully registered on cable operator's network Flashing Modem is registering on cable operator's network (While Cable Link LED is flashing) searching for downstream channel 3.

[Page 8: Rear Panel](#)

Using the Cable Modem Rear Panel DC+5V/2A Cable Console Reset 10/100-BaseT 1. DC +5V/2A Power Input Jack The provided power adapter converts AC power to DC power for use with this jack. Power supplied through this jack will supply power to the cable modem. 2.

[Page 9: Installing The Cable Modem](#)

Using the Cable Modem Take the following steps to accomplish the installation procedure: Installing the 1. Connect the cable TV coaxial cable to the input connector of a signal splitter. Cable Modem 2. Connect a coaxial cable from one of the output connectors on the splitter to the input connector of your TV set.

[Page 10: Powering Up](#)

Using the Cable Modem Powering Up When all connections have been properly made and the power is ON, the cable modem will automatically start the self-test and search for the active cable channel provided by your cable operator. Now you are all set and ready to surf the internet at a marvelous speed! The cable modem supports up to 15 pieces of consumer premises equipment.

[Page 11: Product Certifications](#)

This product meets all safety requirements per UL-1950 standard. This certificate of conformity is based on an evaluation of the ACM6000EB product that is in compliance with the Low Voltage Directive 73/23/EEC and the Amendment Directive 93/68/...

[Page 12: Product Specifications](#)

Product Specifications Software Specifications Protocol Support • MCNS DOCSIS 1.0, TCP/IP, UDP, ARP, ICMP, SNMP, TFTP, TOD, BOOTP, SYSLOG Bridging • Support for unicast, broadcast, and multicast IP packets • Variable-length packet cable Meida Access Control (MAC) transport layer Management Operations • SNMPv1/v2c • ...

[Page 13: Rf Receiver/Transmitter Specifications](#)

Product Specifications RF Receiver/Transmitter Specifications Downstream (Receiver) Upstream (Transmitter) Frequency Range • 88 to 860 MHz • 5 to 42 MHz Modulation • 64QAM • QPSK • 256QAM • 16QAM Signal Rate • 30Mbps/64QAM • QPSK 320Kps to 5.12Mbps •

42.8Mbps/256QAM •...

[Page 14: Hardware Specifications](#)

Product Specifications Hardware Specification RF Infterface • F-Type female 75ohm connector Console • UART serial interface CPE Interface • 10Base-T/100Base-TX Ethernet (RJ-45) • USB (optional) Dimensions (H x W x D) • 34.60 x 202.95 x 182.50mm Weight • 470g Power Consumption •...

[Page 15](#) Product Specifications (This page was intentionally left blank.)

[Page 16](#) Product Specifications (This page was intentionally left blank.)