

USB ADSL Modem

ADU-2000

User's Manual

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FCC Compliance Statement

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the instructions provided with the equipment, may cause interference to radio and TV communication. The equipment has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If you suspect this equipment is causing interference, if the interference disappears when you turn your Ethernet Switch off and reappears when you turn it back on, there is interference being caused by the Ethernet Switch.

You can try to correct the interference by one or more of the following measures:

- w Reorient the receiving radio or TV antenna where this may be done safely.
- w To the extent possible, relocate the radio, TV or other receiver away from the Switch.
- **w** Plug the Ethernet Switch into a different power outlet so that the Switch and the receiver are on different branch circuits.

If necessary, you should consult the place of purchase or an experienced radio/television technician for additional suggestions.

CE mark Warning

The is a class B device, In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

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Revision

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Chapter 1 Introduction

PLANET USB ADSL modem ADU-2000 is designed to provide cost-effective access to high-speed ADSL services. With our ADSL modem, surfing on Internet is just like driving a sport car on the Express Highway. Video on Demand, Videoconference and any high-speed Internet applications is not a dream any more. But a reality!

Features

- I USB bus-powered; an external power supply is not required
- ANSI T1.413 issue 2, ITU G.dmt(G.992.1), and ITU G.lite(G.992.2) compliant
- I Software upgradeable
- I WAN mode support:
- I PPP over ATM LLCSNAP/VCMUX (RFC 2364)
- I PPP over Ethernet LLCSNAP/VCMUX (RFC 2516)
- I LAN mode support:
- I Classical IP over ATM (RFC 1577)
- I Bridged IP over ATM LLCSNAP/VCMUX (RFC 1483)
- I Routed IP over ATM LLCSNAP/VCMUX (RFC 1483)
- I Supports DSL downstream data rates up to 8 Mbps
- I Supports DSL upstream data rates up to 1 Mbps
- I Compliant with Universal Serial Bus Specification Revision 1.1

Data Requirement

You must get the following data information from your ISP or phone company to set up ADU-2000.

ADSL LAN mode user

- I VPI/VCI value
- I Encapsulation mode(example: RFC 1483, 1577...etc.)
- I IP Address, Subnet Mask
- I Gateway, DNS related information

ADSL WAN (PPPoE/PPPoA) mode user

- I VPI/VCI value
- I Encapsulation mode (example: RFC 2364, 2516...etc.)
- I Username and password for authentication

System Requirement

- I Mainboard with USB support
- I Pentium II CPU and above or compatible
- I RAM: 64M or above
- I Windows 98, Windows 2000, Windows ME, Windows XP

Chapter 2 Installation



Please refer to the following steps to complete ADU-2000 installation.

Hardware Installation

- 1. Turn on your PC
- 2. Insert the rectangular end of a USB cable into the USB port of your PC. Then, insert the square end of the USB cable into the USB port of the ADU 2000.
- 3. PC will automatically detect this router as "USB Net Card".
- 4. Insert bundled USB driver CD into the proper drive and follow instruction to install ADU 2000.
- 5. The "Add New Hardware Wizard" will be displayed. Insert the driver CD and click **Next**.
- 6. Choose the "Search for the best driver for your device (Recommended)" and click **Next**.
- 7. Select the "CD-ROM drive", and "Specify a location" and click **Browse**. Then, specify the path which ADSL modem connected your computer to Internet, then click **OK**.

Driver Installation for both LAN and WAN mode with Win 98

1. The "Add New Hardware Wizard" will be displayed. Click Next.

Add New Hardware Wiz	ard
	This wizard searches for new drivers for: ADSL USB MODEM A device driver is a software program that makes a hardware device work.
	< <u>B</u> ack Next > Cancel

2. Choose the "Automatic search for a better Driver (Recommended)" and click Next.

Add New Hardware Wizard		
	 What do you want Windows to do? Search for the best driver for your device. (Recommended). Display a list of all the drivers in a specific location, so you can select the driver you want. 	
	< <u>B</u> ack Next > Cancel	

3. Choose CD-ROM drive and Specify a location. Then click Next.

Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search. Floppy disk drives CD-ROM drive Microsoft Windows Update Specify a Jocation: E:\Drivers\ADU-2000Win98 Browse
 < <u>B</u> ack Next> Cancel

4. Click Next.

Add New Hardware Wi	zard .
-	Windows driver file search for the device:
	Conexant AccessRunner USB ADSL Interface
	Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
😵 🌧 🗌	Location of driver:
	E:\Drivers\ADU-2000\LAN\CXTCAFEU.INF
	< <u>B</u> ack Next> Cancel

5. Click **Finish** to complete the installation.

Add New Hardware Wiz	ard
Add New Haldwale wiz	Conexant AccessRunner USB ADSL Interface Windows has finished installing the software that your new hardware device requires.
	< Back Finish Cancel

Driver Installation for both LAN and WAN mode with Win ME

1. The "Found New Hardware Wizard" will be displayed. Insert ADU-2000 driver CD and click **Next**.

Add New Hardware Wiz	ard
Add New Hardware Wiz	Windows has found the following new hardware: ADSL USB MODEM Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next. What would you like to do? Material Mathematic search for a better driver (Recommended) Material Specify the location of the driver (Advanced)
	< Back Next > Cancel

2. Please specify the path which ADSL modem connected your computer to Internet, then click **OK**.

Driver Description	Location	Driver Date
Conexant AccessRunn	E:\CONEXANT\WIN2000\LAN\CXT1610R.INF	3-11-2002
Conexant AccessRunn	E:\CONEXANT\WIN2000\WAN\CXT1610R.INF	3-11-2002
Conexant AccessRunn	E:\CONEXANT\WIN98\LAN\CXT1610R.INF	3-11-2002
Conexant AccessRunn	E:\CONEXANT\WIN98\WAN\CXT1610R.INF	3-11-2002
Conexant AccessRunn	E:\CONEXANT\WINME\LAN\CXT1610B.INF	3-11-2002
Conexant AccessRunn	E:\CONEXANT\WINME\WAN\CXT1610B.INF	3-11-2002
Conexant AccessRunn	E:\CONEXANT\WINXP\LAN\CXT1610R.INF	3-11-2002
Conexant AccessRunn	E:\CONEXANT\WINXP\WAN\CXT1610B.INF	3-11-2002

3. Click **Finish** to complete ADU-2000 driver installation.



Driver Installation for both LAN and WAN mode with Win 2000

1. The "Add New Hardware Wizard" will be displayed and click Next.



2. Choose the "Search for a suitable driver for my device (recommended)", and

click Next.

A dev an op	rdware Device Drivers ce driver is a software program that enables a hardware device to work with prating system.
This w	izard will complete the installation for this device:
P	ADSL USB MODEM
A devi needs installa	ce driver is a software program that makes a hardware device work. Windows driver files for your new device. To locate driver files and complete the tion click Next.
What	do you want the wizard to do?
œ	Search for a suitable driver for my device (recommended)
c	Display a list of the known drivers for this device so that I can choose a specific driver

3. Select the "CD-ROM drives", and then click **Next.** (Make sure you have inserted the driver CD into the CDROM drive.)

ound New Hardware Wizard			
Locate Driver Files Where do you want Windows to search	for driver files?		AND I
Search for driver files for the following h	ardware device:		
ADSL USB MODEM			
The wizard searches for suitable drivers any of the following optional search loca	in its driver databas ations that you spec	e on your compu fy.	ter and in
To start the search, click Next. If you ar insert the floppy disk or CD before clicki	e searching on a flo ng Next.	ppy disk or CD-R	OM drive,
Optional search locations:			
Floppy disk drives			
CD-ROM drives			
Specify a location			
Microsoft Windows Update			
Microsoft Windows Update			///
	< Back	Next>	Cancel
	- 6	da d	

4. Windows will find a driver for this device. Then click Next.



5. Windows is installing drivers for your new hardware.

ound New Hardware Wizard		
Hardware Install Windows is installing drivers for you	ur new hardware.	
Conexant AccessRunner	USB ADSL Interface	
Installing software necessary to sup	oport your hardware	
	KBack Next > Cano	el

6. The "Digital Signature Not Found" window will pop-up, Click Yes.



7. Click **Finish** to complete the installation.

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard Image: Conexant AccessRunner USB ADSL Interface Windows has finished installing the software for this device.
	To close this wizard, click Finish.
	K Back Finish Cancel

Driver Installation for both LAN and WAN mode with Win XP

1. The "Add New Hardware Wizard" will be displayed. Choose Install from a list or specific location (Advanced) and click Next.

Found New Hardware Wiz	zard
	Welcome to the Found New Hardware Wizard This wizard helps you install software for: ADSL USB MODEM
	If your hardware came with an installation CD or floppy disk, insert it now.
	what do you want the wizard to do? O Install the software automatically (Recommended) O Install from a list or specific location (Advanced)
	Click Next to continue.

2. Choose the "Search for the best driver in these locations", and "Search removable media (floppy, CD_ROM...)", then click Next.

'lease ch	oose your search and installation o	ptions.	ENT.
💿 Sea	arch for the best driver in these locations.		
Use path	the check boxes below to limit or expand as and removable media. The best driver fo	the default search, wh ound will be installed.	nich includes local
[🗹 Search removable media (floppy, CD-R	DM)	
[Include this location in the search:		
	EA	~	Browse
O Dor	"t search. I will choose the driver to install.		
Cho the	ose this option to select the device driver driver you choose will be the best match fi	from a list. Windows o or your hardware.	loes not guarantee th
		Back Next;	Cancel

3."Conexant AccessRunner USB ADSL Interface" will be displayed and click Next.

¢	Conexant AccessRunner USB ADSL Interf	ace		
Desc	ription	Version	Manufacturer	Lo
Ca	nexant AccessRunner USB ADSL Interface nexant AccessRunner USB ADSL Interface	32.99.40.0 32.99.40.0	Conexant Conexant	e:\ e:\
2				>
<u>ب</u>	nis driver is not digitally signed!			

3. Under Hardware Installation window. Click "Continue Anyway".

Hardwa	re Installation
<u>.</u>	The software you are installing for this hardware: Conexant AccessRunner USB ADSL Interface
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>)
	Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

4. Under Software Installation window. Click "Continue Anyway"

.

Softwar	e Installation
	The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why</u> <u>this testing is important.</u>)
	or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
	Continue Anuway STOP Installation
-	

5. Completing the Found New Hardware Wizard. Click Finish.

Found New Hardware Wiz	ard
	Completing the Found New Hardware Wizard
	The wizard has finished installing the software for:
	Conexant AccessRunner USB ADSL Interface
	Click Finish to close the wizard.

Chapter 3 ADSL Configuration



ADSL LAN Configuration

1. **Conexant Access Runner ADSL** icon should be added in the control panel or on the desktop.



 Click the Conexant Access Runner ADSL icon, it will be displayed the status of the modem.

	2	* 🚱	
		Line Down	
ADSL Connection	Information		
Bytes Received:	0	Bytes Transmitted:	0
Receive Rate:	0 kbits/s	Transmit Rate:	0 kbits/s
Driver S/W Versio	a: 14032.099.040.	000	Clear

- 3. Press **Alt + P** on the keyboard, the right figure appears.
- 4. Under the Protocol Setup please set the value of VCI, VPI and Encapsulation.

	ATM Lin	k Statistics	A	AL Link Statis	tics
iysical Layer Statistic	s Connection	Line Setup	Protocol Setup	ATM OAM	Loopback
ATM Virtual Circui	t Identification —				î
		Virtual Ci	rcuit O	Virtual Circ	uit l
Virtual Path	Identifier (VPI)		0		8
Virtual Circuit	Identifier (VCI)		38		43
Encapsulati ⊢Maximum Packet	on Mode Bridged Length	l IP over AT	M LLCSNAP (F	RFC1483)	
Receive	Transmit 1500	Peak C	ell Rate (PCR)	Line Rate	•
1500					

Click My Computer on the desktop\ Control Panel\Network\Configuration -> select TCP/IP -> click properties to configure TCP/IP configuration.

twork	3
Configuration Identification Access Control	
The following network components are installed:	
Microsoft Virtual Private Networking Adapter	
TODISWAN -> Microsoft Virtual Private Networking	Adapte
TCP/IP > Conexant AccessRunner PCI ADSE LA	N Adap
TCP/IP >> Dial-Op Adapter #2 (VPN Support)	-
	<u>⊢</u>
Add Remove Prot	perties
Primary Network Logon:	
Microsoft Family Logon	-
Eile and Print Sharing	
Description	
TCP/IP is the protocol you use to connect to the Inte wide-area networks.	ernet and
	Coursel

5. **IP Address** setting: select **Specify an address**, then enter the value of **IP Address** and **Subnet Mask** obtained from ISP.

Bindings	Advan	ced	Nel	BIOS
DNS Configuration	Gateway V	/INS Config	juration	IP Add
An IP address can If your network doe your network admir the space below.	be automatica :s not automati nistrator for an	Ily assigned ically assign address, an	to this co IP addres d then typ	mpute sses, a be it in
C <u>O</u> btain an IP	address autom	atically		
Specify an IP	address:			
<u>I</u> P Address:	210.	66.155	. 90	
S <u>u</u> bnet Masl	c 255.2	55.255	.224	
			10	

- 6. Gateway setting: enter the data from your ISP and click Add.
- 7. DNS Configuration setting: Select Enable DNS, enter Host name and add DNS Server Search Order. Click Add and OK.

Bindings	Adv	anced	Ne	etBIOS
DNS Configuration	Gateway	WINS Config	juration	IP Addre
C Djsable DNS				
Enable DNS				
U.A.F				
Host:		Domain:		
DNS Server Sea	rch Order 🗕			
168.95	.192.1		Add	1
				1
		<u>H</u> e	move	J
Domain Suffix Se	earch Order	<u></u>		
			Add	
		Be	move	i
			<u> </u>	1
1				
		OK	. II	Cance

9. Reboot computer to activate the modifications if necessary.

NOTE: TCP/IP configuration listed above is a sample for ADU-2000 installation on Windows 98 machine. It is strongly recommended to refer

user's manual or consult network administrator to ensure correctness of TCP/IP configuration. Meanwhile, parameters of TCP/IP configuration shall be depended on your ISP; please consult with your service provider about the configuration.

ADSL WAN configuration

1. After driver installation, **Conexant Access Runner ADSL** and **AccessRunner DSL** icon should be added in the control panel and on the desktop.



 Click the Conexant Access Runner ADSL icon, it will be displayed the status of the modem.

		× 🚳	
k	i i	Line Down	
ADSL Connection In	formation		
Bytes Received:	0	Bytes Transmitted:	0
Receive Rate:	0 kbits/s	Transmit Rate:	0 kbits/s
Driver S/W Version:	5.1.2.099.021	(3501)	Clear
63			
CON	EXAN	¢	

- 3. Press Alt + P on the keyboard, the control panel appears.
- 4. Under the **Protocol Setup** please set the value of **VCI**, **VPI** and **Encapsulation**, then click **OK**.

AAL Link Statistics ATM OAM Loopback Virtual Circuit 1
ATM OAM Loopback
Virtual Circuit 1
Virtual Circuit 1
4)
Line Rate 💌

- 5. Click the Access Runner DSL icon on the desktop -> enter User name, Password and Phone number (don't care; recommend "0000") from your ISP.
- 6. Click **Connect**. Now, you can surfer the Internet.

Connect Access	Runner DSL	? ×
	(P)	
<u>U</u> sername:	test_user	
<u>P</u> assword.	I I⊽ <u>Save password</u>	
Djal:	0000000	•
Dial	Cancel Properties <u>H</u> e	lp

NOTE: TCP/IP configuration listed above is a sample for ADU-2000 installation on Windows 2000 machine. It is strongly recommended to refer user's manual of operation system or consult network administrator to ensure correctness of TCP/IP configuration. Meanwhile, parameters of TCP/IP configuration shall be depended on your ISP; please consult with your service provider about the configuration. Free Manuals Download Website <u>http://myh66.com</u> <u>http://usermanuals.us</u> <u>http://www.somanuals.com</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.com</u> <u>http://www.404manual.com</u> <u>http://www.luxmanual.com</u> <u>http://aubethermostatmanual.com</u> Golf course search by state

http://golfingnear.com Email search by domain

http://emailbydomain.com Auto manuals search

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