Chapter 5

Driver Installation

This section describes the installation procedures for software and drivers under the Windows 98, Windows NT 4.0 and Windows 2000. The software and drivers are included with the CPU card. If you find the items missing, please contact the vendor where you made the purchase.

5-1 Intel Software Installation Utility

The Intel Chipset Software Installation Utility will enable Plug & Play INF support for Intel chipset components. Follow the instructions below to complete the installation under Windows 98 and Windows 2000.

1. Insert the CD that comes with the CPU card and the screen below would appear. Click Intel 845 Chipset Family Drivers.



2. Click Intel Chipset Software Installation Utility.



3. When the Welcome screen appears, click Next to continue.

Setup		×
Real Providence of the second se	Welcome to the InstallShield Wizzer([R]) for Intel([R]) Chipset Software Installation Utility Walcome to the Intel(R) Chipset Software Installation Dilly. The utility will enable Plag & Plag INF support for Intel(R) object components.	
	(Rest Net) Cancel	

4. Click Yes to accept the software license agreement and proceed with the installation process.

etup		
License Agreement Please read the following license agreement	t carafaly.	
Press the PAGE DOWN key to see the res	of the agreement.	
INTEL SOFTWARE LICENSE AGREEME IMPORITANT - READ BEFORE COPYING Do not use or load this software and any or unit you have oreefully read the following i Software, you agree to the terms of this fog install or use the Software. Please Also Nate: "It you are an Dirginal Equipment Manufac	NT (DEM / HM / HW / HW Denib , INSTALLING DR USING, mociated material: loolectiv energend conditions. By lead energent: It you do not with t chare (DEM), Independent H	etion & Single Usel ety, the "Software") deg or using the as so agree, do nat andware Vendor
Do you accept all the terms of the precedin setup will close. To install Intel(Pi) Ehipset's agreement.	g License Agreement? It yo Schware Installation Utility, yo	u chaose Na, the ou nust accept this
	(Back Y	11 No

5. On Readme Information screen, click Next to continue the installation.



6. The Setup process is now complete. Click Finish to restart the computer and for changes to take effect. When the computer has restarted, the system will be able to find some devices. Restart your computer when prompted.

Setup	
InstallShield(R) Without Complete The InstallShield(R) Without Co	
< Byth Finish Decor	

5-2 Intel Ultra ATA Storage Driver

Intel Ultra ATA Storage Driver

Follow the steps below to install Intel Ultra ATA Storage Driver with the InstallShield Wizard under Windows 98, Windows 2000 and Windows NT 4.0.

1. Insert the CD that comes with the CPU card and the screen below would appear. Click Intel 845 Chipset Family Drivers.



2. Click Intel Ultra ATA IDE Storage Driver.



3. The Welcome screen of the Install Shield Wizard for Intel Ultra ATA Storage Driver appears. To continue, click Next.

Intel Ultra ATA Starage Driver (i.2 Setup	×
	Welcome to the InstallShield® Wizard for Intel Ultra ATA Storage Driver The InstallShield® Wizard veliantal instillina ATA Storage Driver on your computer. To continue, click Next	
	Cancel	

4. Click Yes to accept the software license agreement and proceed with the installation process.

el utera ATTA Sterage utmer 6.2 Setup			_
Joense Agreement Please read the following licence agreement	carefully		Z
Press the PABE DOWN key to see the rest of	of the agreement.		
INTEL SOFTWARE LICENSE AGREEMEN	T (DEM / HV / 197	Distribution & Sin	gle User(🔺
IMPORTANT - READ BEFORE COPYING. Do not use or lised this software and any or- until you have carefully read the holowing to Software, you agree to the terms of this Agre install or use the Software.	NSTALLING DR US ioniated materials (so ena and conditions. E senserii. If you do not	NG. Rectively, the "So ly loading or using with to so agree.	otware"] githe , do not
Please Also Note: *11 you are an Driginal Equipment Manufact	urer (OEM), Independ	lorit Hardware Vie	nda w[
Do you accept all the terms of the preceding	License Agreement?	Il you choose N	ka, the
setup nel ceste. To relide mer bios a la se	orage oraver, pour and	coccept and obs	bowlers.
	(Back	Ver 1	Na
	· Later	2	2.0

5. You are now required to Select the folder where Setup will install files. Click Next to accept the default folder or click Browse to configure the location.



6. You are now asked to select a program folder. Click Next to accept the default program folder or enter the folder name you prefer.

Intel Ultra ATA Starage Driver 6.2 Setup		×
Select Program Folder Please select a program folder.		
Setup will add program icons to the Program name, or select one from the existing folders	Folder listed below. You may type a new to list. Click Next to continue.	lder
Program Folders		
Intell INVATA Storage Drives		_
Existing Edders		
Accessories Invest Lines & LA Stranged Unice Drakes Services StartUp		
Federal Sheet d	(geck New) Co	ancei

7. The InstallShield Wizard has completed installation. Click Finish for the computer to restart and changes to take effect.

Intel Ultra ATA Storage Drive	x 6.0 Setup
	InstallSheid Wissed Complete The InstallSheid Wissed has recommuly installed Intel Uhra ATA Stoage Drivet. Before you can use the program, you must restart your computer. @ <u>Yes, I want to restart my computer now</u> @ No, I will restart my computer lates. Remove any data from their drives, and then slick Finish to complete remu.
	CEast Finish Cancel

5-3 Windows 98 Drivers Installation

ATI M6 VGA Driver Installation

Follow the steps below to install the ATI Mobility Radeon M6 Graphics Driver under Windows 98.

1. Insert the CD that comes with the CPU card and the screen below would appear. Click VGA Card on the left side and then click ATI Mobility Radeon M6 series VGA Driver.

Inside T	his CD
KQL Intel Chipsets	C&T 69000 VGA Driver
WA VM Chipsets	C&T 69030 VGA Driver
VGA Card	S196326 VGA Driver
Sound Card	8MI721 VGA Driver Aladdin TNT2 VGA Driver
LAN Card	ATI Mobility Radeon M6 series VGA Driver
📀 BCBI Card	
😵 Tasis	
8	ATI Mobility Factors Mil arrise FUA Drive

2. When the Welcome screen appears, click Next to continue.



3. Click Yes to accept the software license agreement and proceed with the installation process.



4. In the Select Components window, click on the Express installation method, then click Yes to start file copying.



4. The Setup program has now completed installation. Click Finish for the computer to restart and changes to take effect.



SigmaTel AC97 Audio Drivers

Follow the steps below to install SigmaTel AC97 Audio Drivers on your system under Windows 98.

1. Insert the CD that comes with the CPU card and the screen below would appear. Click Intel 845 Chipset Family Driver.



2. Click SigmaTel AC97 Audio Driver.



3. The Welcome screen of the SigmaTel AC97 Audio Driver Setup program appears. To continue, click Next.

SignaTel ACS7 Audio Driver S	etup 🛛
	Welcome to the InstallShield Waterd for SignaTel AC97 Audio Drivers
	Welcome to the SignaTel AC97 Audio Driver Setup program. This program will install variantal SignaTel AC97 Audio Dervers on your computer.
	Carcel

4. Click Yes to accept the software license agreement and proceed with the installation process.

SignaTel ACS7 Audio Driver Setup	×
License Agreement Please read the following license agreement carefully.	2
Piece the PASE DOWN key to see the sect of the agreement.	
SOFTWARE LICENSE	-
This Software Licence is provided by SigmaTel, Inc., having a p business at 3815 Capital of Texas Hvip, Suite 300, (building 3), Audin, Texas 78764 (benefrafter referred to as "SigmaTel") to C	lace of
WHEREAS, SignaTel has developed or is having developed 'S CostockApplication Software' and 'SignaTel Sumand Applicat for interfacing with a SignaTel Codec (hereinafter collectively re	SignaTel Audio on Software" terred
Do you accept all the terms of the preceding License Agreement setup will class. To install SignaTeLACS7 Audio Drivers, you nu	7 If you choose No, the at accept this agreement.
(gask	Xee Ho

5. Select Install and click Next to install SigmaTel AC97 Audio Drivers on your system.



7. The Setup program has now completed installation. Click Finish for the computer to restart and changes to take effect.

SigneaTel AC97 Audio Driver Setup		
Real Contraction of the second	InstallShield Wizard Complete Setup has inisihed capping the SignaTeLACS7 Audio Drivers filter to your computer. Before you can use theSignaTeLACS7 Audio Drivers , you must restart Windows or your computer must restart Windows or your computer must restart Windows or your computer new? If [res.] reart to restart my computer later. If [res.] will restart my computer later. Resource any disks from their drives, and then click Fisish to complete setup.	
	(Berl Frith Sever)	

8. After the system has restarted, a screen would appear saying it was able to find the device "Intel AC'97 Audio Controller." Click Next to continue.

9. Now click Select to "Search for the best river for your device (Recommended)." Click Next, then click Select to "specify a location". Now enter the path as "d:\intel\i845\sound\win98\driver\wdm" (This is assuming drive D: is your CD-ROM drive.

10. Now click Next and Next again. You are now prompted to place the Windows 98 CD into the CD-ROM drive. Do so accordingly and click OK. Then click Finish to restart the system and for changes to take effect.

PCI Ethernet Drivers

The first thing to do to install the Ethernet drivers is to create a floppy diskette that would contain the drivers. Follow the steps below.

1. Insert the CD that comes with your ROBO-8700VL. In the initial screen, click on LAN Card, then click on Intel PRO LAN Drivers.

2. In the Create Install Disk window, choose the operating system that you are using. In this case, Windows 98. Use the created diskette to install the Ethernet/LAN drivers.

3. Under the Windows 98 environment, click Start \rightarrow Control Panel. Double click System \rightarrow Device Manager.

4. Click Other Devices \rightarrow PCI Ethernet Controller.

5. Click Driver \rightarrow Update Driver \rightarrow Next.

6. Now select "Display a list of all the drivers in a specific location."

7. Click Next and select "Network adapters."

8. Click Next \rightarrow Have Disk....

9. Now insert the floppy diskette containing the Ethernet drivers for Windows 98 and click $OK \rightarrow OK \rightarrow Next$.

10. You are now prompted to insert the Windows 98 CD-ROM into the CD-ROM drive. Do so accordinly and click OK.

11. When file copying is done, click Yes to restart the system and changes to take effect.

NOTE: You may also directly use the floppy disks containing the Ethernet drivers instead of creating the Install Disks from the CD.

5-4 Windows NT 4.0 Drivers Installation

ATI M6 VGA Driver Installation

To install the ATI Radeon M6 Graphics drivers for Windows NT 4.0, please follow the same procedure as shown in the ATI M6 VGA Driver Installation for Windows 98 in the previous section.

SigmaTel AC97 Audio Drivers

Follow the steps below to install SigmaTel AC97 Audio Drivers on your system under Windows NT 4.0.

1. Insert the CD that comes with the CPU card and the screen below would appear. Click Intel 845 Chipset Family Drivers.



2. Click SigmaTel AC97 Audio Driver.



3. The Welcome screen of the SigmaTel AC97 Audio Driver Setup program appears. To continue, click Next.

SignaTel AC97 Audio Driver S	etup	×
A A	Webcome to the InstallShield Wiscord for SignaTel ACS7 Audio Drivers Webcome to the SignaTel ACS7 Audio Driver Setup program. The program will instal/uninstall SignaTel/ACS7 Audio Drivers on your computer.	
	Carcel	

4. Click Yes to accept the software license agreement and proceed with the installation process.



5. Select Install and click Next to install SigmaTel AC97 Audio Drivers on your system.



7. The Setup program has now completed installation. Click Finish for the computer to restart and changes to take effect.

SigmeTel AC97 Audio Driver Setup		
Service of the servic	InstallShield Wizard Complete Setup has finished capping the SignaTeLAC37 Audio Drivers Her to your computer. Before you can use the SignaTeLAC37 Audio Drivers , you must establish findows or your computer. (* Inc. I want to estart my computer now) (* No. I will estart my computer false. Remove any disks from their drives, and then sick Finish to complete setup.	
	(First Frink Server)	

8. After the system has restarted, a screen would appear showing some installation information. Restart the system when prompted to complete the audio driver installation.

PCI Ethernet Drivers

The first thing to do to install the Ethernet drivers is to create a floppy diskette that would contain the drivers. Follow the steps below.

1. Insert the CD that comes with your ROBO-8700VL. In the initial screen, click on LAN Card, then click on Intel PRO LAN Drivers.

2. In the Create Install Disk window, choose the operating system that you are using. In this case, Windows NT. Use the created diskette to install the Ethernet/LAN drivers.

3. Under the Windows NT 4.0 environment, click Start \rightarrow Control Panel. Double click Network \rightarrow Adapters \rightarrow Add.

4. Select "Have disk …" and insert the floppy diskette containing the Ethernet drivers for Windows NT 4.0 into the FDD drive, then click OK.

5. Click OK \rightarrow Close, and then enter IP address.

6. Restart the system for changes to take effect.

NOTE: You may also directly use the floppy disks containing the Ethernet drivers instead of creating the Install Disks from the CD.

Windows 2000 Drivers Installation

ATI M6 VGA Driver Installation

To install the ATI Radeon M6 Graphics drivers for Windows NT 4.0, please follow the same procedure as shown in the ATI M6 VGA Driver Installation for Windows 98 in the previous section.

SigmaTel AC97 Audio Drivers

Follow the steps below to install SigmaTel AC97 Audio Drivers on your system under Windows 2000.

1. Insert the CD that comes with the CPU card and the screen below would appear. Click Intel 845 Chipset Family Drivers.

2. Click SigmaTel AC97 Audio Driver.

3. The Welcome screen of the SigmaTel AC97 Audio Driver Setup program appears. To continue, click Next.



4. Click Yes to accept the software license agreement and proceed with the installation process.



5. Select Install and click Next to install SigmaTel AC97 Audio Drivers on your system.



5. A window appears indicating that the software to be installed does not contain a Microsoft digital signature. Click Yes to continue the installation process.

Digital Signature Not Found	
	The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.
	The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.
	Intel(r) AC'97 Audio Controller - SigmaTel Codec
	If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.
	Do you want to continue the installation?
	<u>Y</u> es <u>N</u> o <u>M</u> ore Info

7. The Setup program has now completed installation. Click Finish for the computer to restart and changes to take effect.

SigmeTel AC97 Audio Driver Setup		
Real Contraction of the second	InstallShield Wixaed Complete Setup has inisihed copping the SignaTeLACS7 Audio Drivers film to your computer. Before you can use theSignaTeLACS7 Audio Drivers , you must setast Windows or your computer must setast Windows or your computer new (initial windows or your computer new) If [res.] event to restart my computer new] If [res.] event to restart my computer later. Remove any disks from their drives, and then click Fisish to complete aship.	
	cfieri Finih Servei	

PCI Ethernet Drivers

The first thing to do to install the Ethernet drivers is to create a floppy diskette that would contain the drivers. Follow the steps below.

Insert the CD that comes with your ROBO-8700VL. In the initial screen, click on LAN Card, then click on Intel PRO LAN Drivers. The following figure will appear.

🍢 Creste Instell Disk	×
intel.	Intelly ellows you to create a base driver dislarite for the environments listed below. Advanced destrates such as Teoleri Trodest must be installed from the CD or over a setwork. Choose the type of dislette to create Madrows BR, Windows NR Madrows BR, Windows Madrows Madrows BR, Windows Madrows Ma
	Choose a destination drive

2. Choose the operating system that you are using. In this case, Windows 2000. Use the created diskette to install the Ethernet/LAN drivers.

3. Under the Windows 2000 environment, click Start \rightarrow Control Panel. Double click System \rightarrow

Hardware \rightarrow Device Manager \rightarrow Other Devices.

4. Double-click Ethernet Controller.

5. Click Driver \rightarrow Update Driver \rightarrow Next.

6. Now select "Display a list of the known drivers for this device so that I can choose a specific driver."

7. Insert the floppy diskette containing the Intel Ethernet drivers into the FDD drive. Click OK and select "Intel PRO/100 VE Network connection."

8. Click Next \rightarrow Next \rightarrow Finish. Close all tasks and restart the computer.

NOTE: You may also directly use the floppy disks containing the Ethernet drivers instead of creating the Install Disks from the CD.