

Chapter 4: Software

About the Software

The software for this mainboard is supplied on a CD-ROM. The disk has some folders that can be used by many different mainboards, for example the **UTILITY** and **PERIPHERAL** folders. Some folders can only be used by mainboards which have certain brands of chipsets, for example the **INTEL** and **VIA** folders. In addition, software that is specifically intended for one kind of mainboard is stored in a folder with the name of that board. The software for this mainboard is stored in the **P6VAP-A+** folder.

***Note:** Never try to install software from a folder that is not specified for use with your mainboard.*

Folders for this Mainboard

For this board, you can install software from the following folders:

Utility Folder

You can use the software in the following sub-folders:

- ☐ **AWDFLASH:** Software to erase and install new revisions of the system BIOS
- ☐ **DIRECTX5:** Software display drivers for Microsoft's DirectX Rev. 5 specification
- ☐ **MEDIARING TALK:** Software for the built-in fax/modem
- ☐ **GAMUT:** Audio rack for built-in sound system
- ☐ **PC-CILLIN:** Anti-virus software
- ☐ **SUPER VOICE:** Software for the built-in fax/modem

CM18X38 Folder

You can use the software from the following sub-folders:

- ☐ **AUDIO:** Drivers and software for the built-in audio system
- ☐ **MODEM:** Drivers and software for the built-in fax/modem

Peripheral Folder

You can use the software in the following sub-folders:

- ☐ **KEYBOARD, CD-ROM, MOUSE:** These three folders have drivers for accessories manufactured by BTC. Some system assemblers ship these accessories with complete systems based on this mainboard.

VIA Folder

- ☐ **ACPI:** This folder contains ACPI (Advanced Configuration & Power Interface) drivers for use with the chipset used in this system.
- ☐ **AGP/AGP33:** This folder contains AGP graphics drivers for the chipset used in this system.
- ☐ **DMATool:** This folder contains bus mastering Ultra DMA drivers for IDE devices.
- ☐ **IRQ:** This folder contains PCI IRQ miniport drivers.
- ☐ **Win9x:** This folder contains the IDE driver update for use with Windows 9x.
- ☐ **Win NT:** This folder contains the IDE driver update for use with Windows NT.

P6VAP-A+ Folder

- ☐ **AUDIO, MODEM:** These folders are empty. A readme file directs you to an alternate location with the required software.

Note: *Some folders are subdivided into different operating systems such as DOS, Windows 95, Windows NT, and so on. Always make sure that you are installing the correct software for the operating system on your computer. Some folders are also subdivided into different language versions, such as English, French, German and so on.*

Note: *Before installing any software, always inspect the folder for files named README.TXT, INSTALL.TXT, or something similar. These files may contain important information that is not included in this manual.*

Running the Support CD-ROM

1. Place the disk in your CD-ROM drive. If you are running Windows with Autoplay enabled, the opening screen of the CD appears automatically. Click on READ ME to read the latest instructions.
2. Click on the item BROWSE THE CD TITLE. This uses Windows Explorer to show the contents of the support CD.
3. Double click on a folder to display the sub-folders.
4. Before installing the software, look for a file named README.TXT, or something similar. This file may contain important information to help you install the software correctly.
5. Some software is installed in separate folders for different operating systems, such as DOS, WIN NT, WIN95/98, and so on. Always log on to the correct folder for the kind of OS you are using.
6. To install the software, you usually execute a file named SETUP.EXE or INSTALL.EXE by double clicking on the filename.

Utility Folder Installation Notes

Award Flash Memory Utility

This utility lets you erase the system BIOS stored on a Flash Memory chip on the mainboard, and lets you copy an updated BIOS to the chip. Take care how you use this program. If you erase the current BIOS and fail to write a new BIOS, or write a new BIOS that is incorrect, your system will malfunction.

There are several flash memory utilities. For this mainboard you must use the **AWD753.EXE** utility. To use the utility, you must be in real-mode DOS (not the DOS box that is available in Windows 95/98/NT). If you are using WINDOWS 95/98, shut down your computer and select the option Restart in DOS in the shut-down dialog box. If you are running Windows NT, shut down your computer and boot from a DOS diskette temporarily in order to run the flash memory utility.

DirectX5 Drivers

The DirectX drivers are for installation only in Windows 95/98. The directX drivers need to be installed before you install an AGP driver. You may be able to get more up-to-date directX drivers from the Microsoft web site. Start the installation by clicking on the file DX5CORE.EXE.

GAMUT

The Gamut audio rack software for the built-in sound system is provided for different languages. Log on to the appropriate directory for your language, then run SETUP to install the application software.

MediaRing Talk

To install the MediaRing Talk voice modem software for the built-in modem, run MRTALK99-SETUP.

PC-Cillin Anti-Virus Utility

Anti-virus software is provided for DOS, for WIN95, and WIN 98. Log on to the appropriate directory for your operating system. For DOS, copy all the files in the DOS folder to your hard disk drive. For Windows 95, log on to the Disk 1 folder and run SETUP. For Windows 98, run SETUP.

Super Voice

To install the Super Voice voice, fax, data communication application for use with the built-in fax/modem, run PICSHELL.

CM18X38 Folder Installation Notes

Audio Software

This folder has software and drivers for the sound system that is integrated on this mainboard. Drivers are provided for Windows 95/98, Windows NT, and DOS. An MS-WORD format manual is stored in the MANUAL folder.

DOS Installation

Log on to the DOSDRV folder and run the program INSTALL.EXE

Windows 95/98 Installation

Locate the "My computer" icon on the desktop and right mouse click on it, next select "System Management" from the pop-up menu. Select "PCI Multimedia Audio Device", and click properties, and finally press the "Reinstall Driver" button. Follow the instructions on the screen, and indicate the driver location on the CD-ROM \CM18X38\AUDIO\W95-98\DRV when prompted.

Windows NT 4.0 Installation

1. Press the "Start" button.
2. Move the highlight to "Settings" and select "Control Panel".
3. Double click on the "Multimedia" icon.
4. Select the "Devices" tab.

5. Press the "Add..." button.
6. Select item "Unlisted or Updated Driver" in the "List of Drivers" list box.
7. Specify the path to the PCI audio NT drivers.
8. Select "C-A+dia PCI Device" and press the "OK" button.
9. Choose proper I/O or the "OK" button for the default setting.
10. Restart the Windows NT system.

To install the audio applications, log on to the NT4 folder, and then log on to the APPS folder. Run the SETUP program.

Modem Driver and Software

Install the Modem driver from the sub-folders for Windows 95/98 or Windows NT4.0.

Windows 95/98

The modem is a plug and play device so Windows 95/98 will automatically detect the presence of your modem. When the Plug and Play wizard begins to look for modem drivers, click on the button that says ***Have Disk*** and then browse or type in the pathname to the CMI8x58\modem\win9x folder.

Windows NT 4.0

Follow the instructions in the README file in the WINNT4 sub-folder.

Peripheral Folder Installation Notes

KEYBOARD, CD-ROM, MOUSE

Follow the installation instructions contained in the documentation files in these folders.

VIA Folder Installation Notes

ACPI

Run the "setup" program from the VIA directory to install the proper ACPI (Advanced Configuration & Power Interface) drivers for use with the chipset used in this system.

AGP/AGP33

Run the "setup" program from the VIA directory to install the proper AGP graphics drivers for the chipset used in this system.

DMATool

Run the Setdma.exe program in this directory to install the bus mastering Ultra DMA tools for IDE devices.

IRQ

Run the "setup" program from the VIA directory to install the proper PCI IRQ miniport drivers for the chipset used in this system.

Win9x

Run the "setup" program from the VIA directory to install the IDE driver updates for use with Windows 9x.

Win NT

Run the "setup" program from the VIA directory to install the IDE driver updates for use with Windows NT.

Mainboard (P6VAP-A+) Installation Notes

All of the sub-folders in this folder are empty, with a short README file giving directions to alternate folders for the appropriate software.