Software FAQ For A440

1.1 Question:

How to check the BIOS version?

Answer:

You could get the BIOS version by pressing F2 function key to entering setup utility during Power On Self Test. The BIOS version will display at the bottom of the main item selected. The format should be : 1.0D-5711-6211, the 1.0D is BIOS version that you want.

1.2 Question:

How to install Windows 98?

Answer:

The easiest way to install Windows 98 is to boot from Windows 98 start-up disk. With Windows 98 start-up disk, you don't need to install CD-ROM driver since the start-up disk can support virtually all CD-ROM device. Insert Windows 98 Installation CD into CD-ROM drive and run setup.exe

If you don't have Windows 98 start-up disk, you need to install CD-ROM / DVD-ROM driver under DOS. Then, insert Windows 98 Installation CD into CD-ROM drive and run setup.exe

1.3 Question:

How to install VGA driver for Windows 98 in this computer?

Answer:

1. Insert the CD containing the VGA driver for Windows 98 into CD-ROM drive.

2. Click the **Start** button, then click **Run.** In the Run dialog box, click **Browse** button and specify the directory as "**E:\driver\win98\ VGA\setup"**

3. The Welcome message box appears. Click **Next** to continue with the next step.

4. Select Yes to follow "License Agreements".

5. The Select Components box appears. Click **Next** to begin with installation. Click Finish to complete VGA driver Installation.

1.4 Question:

How to install CD-ROM or DVD-ROM in DOS mode?

Answer:

For DOS installation, you must have a pre-installed MS-DOS v6.0 or higher operating system on your hard disk with the "MSCDEX.EXE" (Microsoft CD Extension) driver file.

Both CD-ROM and DVD-ROM drive are ATAPI IDE interface and uses the same driver.

1. Boot up the system of your computer and insert the Teac CD-ROM driver diskette into the floppy drive.

2. Change the directory of the DOS prompt to Drive A and run the CD-ROM installation program by typing the command **A:\>INSTALL** and pressing **<Enter>**.

3. The "CD/DVD-ROM Setup Program" message appears for asking if you want to continue the next step by pressing **<Enter>** or exit it by pressing **<Esc>**. Press <Enter> to continue with the installation.

4. A connection diagram appears with a message shown "Confirm the connection environment of the computer, are you sure ? " Press **<Y>** to confirm.

5. The installation program will ask you to specify the directory where you want to place CD/DVD-ROM driver. Press **<Enter>** to install into the default directory.

6. Press **<Enter>** to continue with the next step.

7. The Installation program will automatically copy the CD-ROM driver to your hard disk and modify the AUTOEXEC.BAT and CONFIG.SYS files in activating the CD-ROM drive every time you boot the system up.

8. Remove the diskette and restart the computer after installation is complete. Your computer will then detect the CD-ROM drive and will display the designated drive letter. The CD-ROM drive should be assigned to Drive D. If you have two disk partition, the CD-ROM drive will be assigned to Drive E.

1.5 Question:

How to install the Audio Driver for Windows 98?

Answer:

1. Boot Windows from your hard disk and insert the disc containing the Audio driver.

2. Click the **Start** button, then click **Run**. In the Run dialog box, click the **Browse** button and navigate into the directory where the new Audio driver is. Then, run **"setup.exe".**

3. The Welcome message box appears. Click **Next** to continue with the next step.

4. With **"Upgrade Drivers"** selected, click **Next** to begin install the Audio driver.

5. With **"Yes, I want to restart my computer now"** selected, click **Finish** to complete the audio installation.

1.6 Question:

How to install the Modem driver for the Windows 98?

Answer:

1. Click the **Start** button, then point to **Settings,** and click **Control Panel.**

2. Double-click on the **System** icon and click on the **Device Manager** folder tab.

3. Under the **Other Devices** line, you will find the **PCI Communication Device**, click **Remove**, **OK**, then **Refresh** buttons to appear the **New Hardware Found** Message Box.

4. In the Add New Hardware Wizard message box which shows searching PCI Communication Device driver. Click **Next** to proceed to the next step.

5. Select **"Search for the best driver for your device"**, and click **Next**.

6. Tick on **"Specify a location box"**. Then, click **Browse** button and navigate to the modem driver location as **"E:\driver\win98\ modem"**. Click **Next** to begin searching the driver.

7. The Add New Hardware will found **LT Win Modem**. Click **Next** to continue install the driver.

8. Click **Finish** button to finish install modem driver.

1.7 Question:

How to install LAN driver for the Windows 98?

Answer:

Following is the procedure for install the Intel 82559 Fast Ethernet LAN driver:

1. Boot Windows 98 from your hard disk and insert the disc containing the LAN driver for Windows 98.

2. Click the **Start** button, then click **Settings**, and **Control Panel**. Double click **System** and click **Device Manager** tab. Under **Other devices,** you'll see **PCI Ethernet Controller**. Select it and click **Remove** button.

3. Click **Refresh** button. The **Add New Hardware Wizard** will detect PCI Ethernet Controller. Click **Next** to search for the driver. Click **Next** to continue.

4. Tick **Specify a location** and click **Browse** button. Then, navigate to "d:\lan" and click **Next**.

5. Click **Next** to accept the updated driver for Intel 82559 Fast Ethernet LAN driver. Click **Next** to continue with LAN driver installation.

6. Insert the disk labeled "**Windows 98 Second Edition CD-ROM**", and then click **OK**.

7. Type **"D:\Win98SE\Setup\Win98",** then click **"OK"**.

8. Click **Finish** to complete installation.

   Restart Computer to finish setting up LAN.

1.8 Question:

How to install the EZ-button device for the Windows 98

Answer:

1. Boot Windows from your hard disk and insert the disc containing the Internet/e-mail button driver.

2. Click the **Start** button, then click **Run**. In the Run dialog box, click **Browse** button and navigate to the directory as **"E:\driver\EZbutton\setup.exe".**

3. The **Welcome** dialog will appear. Click **Next** to continue with the installation.

4. If you wish to install the driver in a different directory, click **Browse**. Otherwise, click **Next** to continue with the next step.

5. The **Select Program Folder** dialog box will appear. To setup icon on a different folder, you may type a new folder name or select one from the existing Folder list. Click **Next** to continue.

6. Click **Finish** to complete installation.

1.9 Question:

How to update the latest BIOS version for A440

Answer:

Warning!! Due to the reason that the incorrect BIOS version may cause encounter unexpected symptom and possible make system can not bootable!

You could get the latest BIOS version via our FTP site; FTP://pcg.fic.com.tw/NBTECH/A440 , Here is the procedure to upgrade the BIOS as below :

1. Unzip the attached file from FTP site and save all of them to a formatted 1.44MB floppy diskette.

2. Power on the computer and enter the pure DOS environment . (Press F8 before enter to OS and choose "Safe mode command prompt only")

3. Insert the formatted 1.44MB floppy diskette which containing the attached file. Please execute a:\phlash BIOS.ROM then the system will flash the BIOS automatically.

1.10 Question:

How to enhance and improve the system performance?

Answer:

You can enhance Hard Disk and CD-ROM drive performance. You can see the improvement when running Winbench99.

You will want to enable DMA or Ultra DMA support on IDE devices to improve performance, because this feature enable supporting hardware to copy data directly into memory rather than having the CPU copy very byte. This capability greatly lowers the CPU utilization of the system on I/O interfaces. However, you will want to disable this feature if you frequently encounter data corruption during this feature enabled. To enable DMA or Ultra DMA setting:

1. Click Start button -> Setting -> Control Panel. Double click System and Click the Device Manager tab. Navigate to Disk drives and double click Generic IDE Disk Type01.

2.   Click the Settings tab and tick on DMA.   Click OK and restart the system. This

DMA feature will improve Hard Disk   performance under Win95/98. For Windows NT,

you do not need to do the above steps.

(The CD-ROM steps are same as above but navigate to CD-ROM and double click on your CD-ROM

title.)

1.11 Question:

How to install VGA driver for Windows NT4.0 on A440 system?

Answer:

1.   Insert the CD containing the VGA driver for Windows NT4.0 into CD-ROM drive.

2.   Click the **Start** button, then click **Run.** In the Run dialog box, click **Browse** button and

specify the directory as "**E:\driver\NT40\ VGA\setup"**

3.   The Welcome message box appears. Click **Next** to continue with the next step.

4.   Select Yes to follow "License Agreements".

5.   The Select Components box appears. Click **Next** to begin with installation.

6.   Click Finish to complete VGA driver Installation.

* Be sure that you already install the Windows NT4.0 Service Pack 4 before you install VGA

driver.

1.12 Question:

How to install CD-ROM / DVD in the Windows NT4.0?

Answer:

To install Windows NT directly from your CD-ROM or DVD-ROM, insert Windows NT installation CD into

CD-ROM drive and enter BIOS Setup menu. Go to Boot menu and select "ATAPI CD-ROM Drive" as

your boot device. Go to Exit menu and select "Exit Saving Changes"

1.13 Question:

How to install Modem driver for the Windows NT4.0?

Answer:

1.   Boot Windows from your hard disk and insert the disc containing the modem driver.

2.   Click the **Start** button, then click **Run**. In the Run dialog box, click Browse button and navigate to the directory as **"E:\driver\NT40\modem\setup"**. The Welcome dialog will appear. Click **Next** to continue with the installation. If you wish to install the driver in a different directory, click Browse. Otherwise, click **Next** to continue with the next step.

3.   The Select Program Folder dialog box will appear. To setup icon on a different folder, you may type a new folder name or select one from the existing Folder list. Click **Next** to continue.

4.   Click **Finish** to complete the driver installation.

1.14 Question:

How to install LAN driver for the Windows NT4.0?

Answer:

Boot Windows NT from your hard disk and insert the disc containing the Modem driver for Windows NT. Following is the procedure for install the Intel 82559 Fast Ethernet LAN driver:

1. Boot Windows NT4.0 from your hard disk and insert the disc containing the LAN driver for Windows NT4.0.

2. Click the **Start** button, then click **Settings**, and **Control Panel**. Double click **Network** and click **Adapters** tab. Then click **Add** button and chose the "**Have Disk**".

3. Specify the directory as "**E:\driver\NT40\ LAN"**.

4. Click **OK** to accept the updated driver for Intel 82559 Fast Ethernet LAN driver.

5. Click **OK** to continue with LAN driver installation.

6. Chose the correct I/O base and IRQ, and then click **OK**.

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

Restart Computer to finish setting up LAN.

1.15 Question:

How to install the audio driver for the Windows NT4.0?

Answer:

1. Boot Windows from your hard disk and insert the disc containing the Audio driver.

2. Click the **Start** button, then click **Run**. In the Run dialog box, click the **Browse** button and navigate into the directory where the Audio driver is. Then, run **"Setup.exe".**

3. Click **OK** button to run the setup program. The Welcome message box appears. Click **Next** to continue with the next step.

4. With **"Install"** selected, click **Next** to begin install the audio driver.

5. With **"Yes, I want to restart my computer now"** selected, click **Finish** to complete the audio installation.

1.16 Question:

How to install the EZ-button device for the Windows NT4.0?

Answer:

1. Boot Windows from your hard disk and insert the disc containing the Internet/e-mail button driver.

2. Click the **Start** button, then click **Run**. In the Run dialog box, click **Browse** button and navigate to the directory as **"E:\driver\EZbutton\setup.exe".**

3. The **Welcome** dialog will appear. Click **Next** to continue with the installation.

4. If you wish to install the driver in a different directory, click **Browse**. Otherwise, click **Next** to continue with the next step.

5. The **Select Program Folder** dialog box will appear. To setup icon on a different folder, you may type a new folder name or select one from the existing Folder list. Click **Next** to continue.

6. Click **Finish** to complete installation.