

User's Guide of MotherBoard (I865PE/A/GBN V1.0)

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The installation of motherboard's chip driver

If you have reinstalled Windows OS, you may install the motherboard's chip driver in the driver's CD enclosed with the machine.

We shall illustrate to you how to install by Windows XP (the "X" hereunder means the disk mark of your CD-ROM).

1. Install Windows XP.
2. Insert the CD of "Legend computer driver" into CD-ROM drive.
3. Enter the directory: "X:\Lx_chip\Intel\Inf".
4. Run the process of Setup.exe and select the options as the system prompted in the course of installation. Single click "Next" or "OK" until the very end without any alterations.
5. Reboot the computer and the installation finishes.

Other Windows OS installation directory:

Windows 98:

"X:\Lx_chip\intel\inf\Setup.exe"

Windows 2000:

"X:\Lx_chip\intel\inf\Setup.exe"

The installation of On-board audio driver

The motherboard we use here integrates an audio chip that can be installed after loading motherboard's chip driver. You can install its driver with the drive CD supplied with the machine and the steps are as follows:


1. Install Windows XP and install chip driver.
2. Insert the CD of "Legend computer driver" into the CD driver.
3. Enter the directory: "X:\LX_SOUND\ALC_A341".

4. Run the process of Setup.exe and select the options as the system prompted in the course of installation. Single click “Next” or “OK” until the very end without any alterations.
5. Reboot the computer and the installation finishes.

Other Windows Operation System installation directory:


Windows 98:

“X:\LX_SOUND\ALC_A341”

-  Notices: When you install the On-board audio driver under Windows 98 OS, please insert the installing CD of Windows 98 if the system prompts you to insert the installing CD of Windows 98 and select the directory of “X:\win98”. Click OK and follow the system prompts until finish the installing. Please restart your computer after the installing finished to be sure the installing of the On-board audio driver finished successfully.

Windows 2000:

“X:\LX_SOUND\ALC_A341”

-  Notices: If you meet a warning message of Windows Logo during the installing, please select “continue” and it will have no effect on the Audio.

The installation of on-board GB LAN driver

The motherboard we use here integrates 10/100/1000M network chip, which can be installed after loading motherboard chip's driver. You can install it with the driver CD supplied with the machine and the steps are as follows:

1. Install Windows XP and install chip driver.

2. Insert the CD of "Legend computer driver" into CD-ROM drive.
3. Enter the directory: "X:\Lx_net\intel".
4. Run the process of Autorun.exe. Select "Wired LAN Adapters", and then select "Install Base Driver". Then select the options as the system prompted in the course of installation. Single click "Next" or "OK" until the very end without any alterations.
5. Reboot the computer.

MotherBoard

Other Windows Operation System installation directory:

Windows 98:

"X:\Lx_net\intel\Autorun.exe."

Windows 2000:

"X:\Lx_net\intel\Autorun.exe."

Notice:

1. Because the installation of network adapter need to install communication protocol and initialize relevant Network configuration, Please refer to your network administrator's opinion
2. It is normal phenomenon to boot slowly, when your PC system has been installed the network driver.
3. If you use the onboard LAN as GB LAN, please make sure your UTP fair work under the TIA-568 protocol.
4. Please care about the LAN LED states:

	10/100M		Gigabyte Ethernet	
Link LED	10MBPS	Green	10MBPS	Off
	100MBPS	Yellow	100MBPS	Green
			1000MBPS	Yellow
Activity LED	Transferring data	flicker	Transferring data	flicker
	Link but don't working	shine	Link but don't working	shine

The installation of on-board USB2.0 controller driver

The motherboard we use here integrates USB2.0 controller network chip, which can be installed after loading motherboard chip's driver. You can install it with the driver CD supplied with the machine and the steps are as follows:

1. Install Windows XP and install chip driver.
2. Insert the CD of "Legend computer driver" into CD-ROM drive.
3. Enter the directory: "X:\Lx_USB2.0\Winxp\QFE\EN"
4. Run the " Q312370_WXP_SP1_x86_ENU.exe " (AS for WIN2000 this program is not run)
5. Select the options as the system prompted in the course of installation. Single click "Next" or "OK" until the very end without any alterations. Reboot the computer.
6. Choose the "Device manager" and double click " USB Controller " with the left button. In the "properties" category, click the "Update driver ".
7. Under the dialogue of "Hardware Update Wizard", to choose "Install from a list or specific location" and click "Next"
8. Remember to choose "Include this location in the search", and specify a location at " ICH5_USB2.0_WinXP", click "Next" and "finish" at the end. (AS for WIN2000 directory is "X:\Lx_USB20\Win2K\ICH5_USB2.0_W2K ")

NOTICE:


1. Please don't install on-board USB2.0 controller driver if you have installed Windows XP SP1. Otherwise you should get a wrong message.
2. We do not offer the usb2.0 driver program under Windows 98 and Windows NT systems. In these cases, the USB can only be used in USB1.1 mode.

3. If you want to use the USB Harddisk, you need to connect your Harddisk's DC power.
4. Windows 98 installation directory is "X: \Lx_USB20\Win98\Setup.exe".

User's Guide of Serial ATA

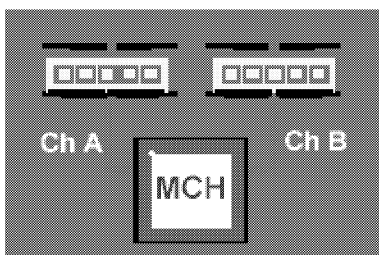
This motherboard supports two Serial ATA hard disks. Please follow the steps if you want to use Serial ATA hard disk.

1. Shutdown the power.
2. Link the data line to the connector on the motherboard. Link the power connector to the hard disk. Mount the hard disk in the groove of the computer box.
3. Boot the computer and press the "DEL" key to enter the BIOS SETUP.
4. Select the "Integrated Peripheral".
5. Select the "Legacy IDE Channels".
6. Select the "SATA 0/1, PATA Sec".
7. Press the key of "F10" to save and leave.
8. The computer can recognize the Serial ATA hard disk successfully now. If you need install OS to the Serial ATA hard disk, Please reenter BIOS SETUP and change the "1 st Boot Device" in the "Advanced BIOS Feature" to the "CDROM". Then insert the OS install CD and reboot the computer to install OS.

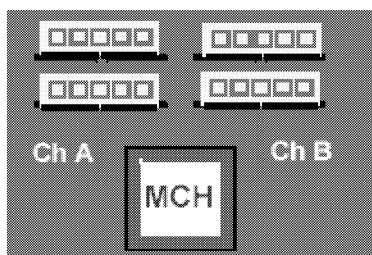
 Notice: If you choose the "SATA 0/1, PATA Sec", the IDE1 will stop working. At the same time the IDE2 could be used well.

User's Guide of Dual-channel DDR RAM

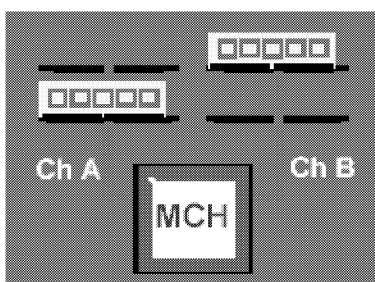
This motherboard support Dual-channel 4 slots DDR266/333/400. To attain the best performance, please follow the graph under there. (CHA=Channel A, CHB=Channel B)



Correct



Correct



Error