



Password Setting

When this function is selected, the following message appears at the center of the screen to assist you in creating a password.

ENTER PASSWORD

Type the password, up to eight characters, and press <Enter>. The password typed now will clear any previously entered password from CMOS memory. You will be asked to confirm the password. Type the password again and press <Enter>. You may also press <Esc> to abort the selection.

To disable password, just press <Enter> when you are prompted to enter password. A message will confirm the password being disabled. Once the password is disabled, the system will boot and you can enter CMOS Setup freely.

PASSWORD DISABLED

If you have selected “**System**” in “Password Setting” of “BIOS Features Setup” menu, you will be prompted for the password every time the system reboots or whenever you enter CMOS Setup.

If you have selected “**Setup**” at “Password Setting” from “BIOS Features Setup” menu, you will be prompted for the password only when you enter CMOS Setup.



IDE HDD Auto Detection

The Enhanced IDE features are included in all Award BIOS. Below is a brief description of these features.

ROM PCI/ISA BIOS (2A69KQ10) CMOS SETUP UTILITY AWARD SOFTWARE, INC.							
HARD DISKS	TYPE	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR MODE
Primary Master:							
Select Primary Master Option (N=Skip): N							
OPTION	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE
2(Y)	541	525	32	0	1049	67	LBA
1	541	1050	16	65535	1049	63	NORMAL
3	541	525	32	65535	1049	63	LARG
Note: Some OSes (like SCO-UNIX) must use "NORMAL" for installation							
ESC: Skip							

Figure-9 IDE HDD Auto Detection Menu

1. Setup Changes

With auto-detection

- BIOS setup will display all possible modes supported by the HDD including NORMAL, LBA and LARGE.
- If HDD does not support LBA modes, no "LBA" option will be shown.
- If number of physical cylinder is less than or equal to 1024, "LARGE" option may not be shown.
- Users can select their appropriate mode .

With Standard CMOS Setup

	CYLS	HEADS	PRECOMP	LAND	SECTOR	MODE
				ZONE		
Drive C: User(516MB)	1120	16	65535	1119	59	Normal
Drive D: None(203MB)	684	16	65535	685	38	-----

When HDD type is in "user" type, the "MODE" option will be available for users to select their own HDD mode.



2. HDD Modes

The Award BIOS supports 3 HDD modes: NORMAL, LBA and LARGE.

NORMAL

Generic access mode in which neither the BIOS nor the IDE controller will make any transformation during accessing. The maximum number of cylinders, heads and sectors for NORMAL mode are 1024,16 and 63.

If the user sets his HDD to NORMAL mode, the maximum accessible HDD size will be 528 megabytes even though its physical size may be greater than that.

LBA (Logical Block Addressing) mode

A new HDD accessing method to overcome the 528 Megabyte bottleneck. The number of cylinders, heads and sectors shown in setup may not be the number physically contained in the HDD.

During HDD accessing, the IDE controller will transform the logical address described by sector, head and cylinder number into its own physical address inside the HDD. The maximum HDD size supported by LBA mode is 8.4 Gigabytes.

LARGE mode

Some IDE HDDs contain more than 1024 cylinder without LBA support (in some cases, users do not want LBA). The Award BIOS provides another alternative to support these kinds of HDD.

BIOS tricks DOS (or other OS) into devising the number of cylinders is less than 1024 by dividing it by 2. At the same time, the number of heads is multiplied by 2. A reverse transformation process will be made inside INT13h in order to access the right HDD address.

If using Auto detect, the BIOS will automatically detect the IDE hard disk mode and set it as one of the three modes.

3. Remark

To support LBA or LARGE mode of HDDs, there must be some softwares involved which are located in Award HDD Service Routine(INT13h).It may fail to access a HDD with LBA (LARGE) mode selected if you are running under an Operating System which replaces the whole INT 13h.

Boot with BIOS defaults

If you have made all the changes to CMOS values and the system can not boot with the CMOS values selected in setup, clear CMOS after power-down, then power on again. System will boot with BIOS default settings.



-- This page is intentionally left --



Appendix A

QDI Mainboard Utility CD-ROM / Intel®LDCM V3.3 CD-ROM and Floppy Disk

A QDI Mainboard Utility CD-ROM is supplied with each mainboard. The contents used for this mainboard are:

1. Installation of Intel 440GX Chipset Driver:
This utility program was developed for updating several Windows 95/98 INF files so that the latest Intel chipset components can be recognized or configured properly in the system.
 - a. Windows 95 INF Update
Run \ChipDrv\Intel\G1\Win95\Setup.exe for installation.
 - b. Windows98 INF Update
Run \ChipDrv\Intel\G1\Win98\Setup.exe for installation.
2. Installation of Intel 82558 LAN Driver:
Locate the appropriate driver for your OS in directory \DevDrv\LAN\82558
Note: You must copy all the files to the hard disk while you install the 82558 driver on Windows NT.
For more information about this Intel PCI LAN adapter, please refer to the files contained in the directory \DevDrv\LAN\82558\Info.
Driver are updated from the website
ftp://ftp.intel.com/pub/support/enduser_reseller/etherexpress_lan_adapters.
3. Installation of Adaptec AIC-7890 SCSI Driver:
Locate the appropriate driver for your OS in directory \DevDrv\SCSI\7890.
Note: 1. \DevDrv\SCSI\7890\UNIX\7890.img is the driver for UNIX, you could decompress it to a floppy disk with HDCOPY.EXE before installation.
2. Windows NT 4.0 should be installed from floppy disk with the SCSI hard disk.
For detailed installation instructions, please refer to the readme file in the related directory.
Driver are updated from the website
<http://www.adaptec.com/support/files/drivers.html>
2. PC-cillin 98
New viruses are appearing frequently; the chance of your PC being infected increases; antivirus softwares are becoming a must. PC-cillin 98 offers you full-time active virus protection as well as manual scans, plus virus clean capability. Keeping up to date on the latest threats and updating significant files are crucial in keeping antivirus software effective. PC-cillin 98 provides Free Virus Pattern File Updates from the Trend Micro Website:
<http://www.trend.com/download/pattern.htm> or
<http://www.antivirus.com/download/pattern.htm>.

**Installation of PC-cillin 98**

For Windows 95/98 English version, run Setup.exe for installation from the utility CD directory \Pccillin\Win9x.

For Windows 95/98 Chinese version, run Setup.exe for installation from the utility CD directory \Pccillin\PW in9x.

For Windows NT 4.0, run Setup.exe for installation from the utility CD directory \Pccillin\WinNT4.0.

S/N is PN EF-9991-6558-5857-5535.

3. QDI ManageEasy V2.0

It is well known that guaranteeing the computer's security and reliability is essential. Especially today, effectively managing and monitoring the computer's hardware is even more important; because processing and exchanging critical data through computer and network are happening everyday.

Moving with the computer's development, the system of the computer will become more and more complex; at the same time, the control computer's hardware will be strengthened. Today, it is possible to monitor and manage your complex hardware from Windows 9X and Windows NT. QDI ManageEasy is a system tool, a bridge between the complex hardware and OS, used to access hardware status and to execute control functions. It supports stronger functions for Windows 9X and Windows NT. These functions enables you to view more than one hundred of the basic information about the system and monitor some key reference data concerning computer health in real time. QDI ManageEasy also helps you to use remote access and control computers in your local area network. With QDI ManageEasy, you can improve your management level.

Installation of QDI ManageEasy V2.0

Run Setup.exe from the utility CD directory \QME2 to install the QDI ManageEasy V2.0.

The QDI ManageEasy Setup Wizard will guide you through the installation process.

For detailed information on how to use QDI ManageEasy V2.0, please refer to the QDI ManageEasy V2.0 online help.

Intel®LDCM V3.3 CD-ROM and Floppy Disk

GeniuX 1 supports Intel®LANDesk®Client Manager (LDCM), a software product from Intel that lets a system administrator for a local area network (LAN) see the configurations and monitor the status of PCs on the LAN. Using LDCM, a LAN administrator can be notified automatically when a workstation is nearing problem status. LDCM's "PC health monitoring" can notify the administrator of the status of low memory, any recoverable parity error, any boot virus that may be present, the motherboard and CPU temperatures, and other status information. LDCM also allows an inventory to be kept of all software and hardware characteristics of all workstations.

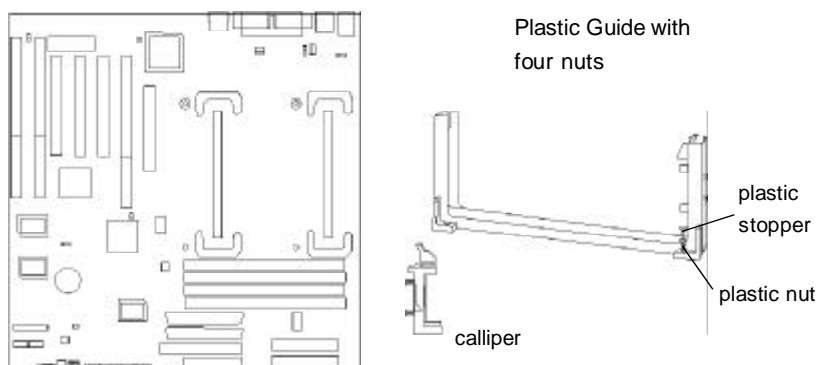
Run \Auto.exe from LDCM Ver3.3 CD-ROM for installation. It's recommended that you view the online readme before installation. When installing QDI Instrumentation, and "Choose a model" window pops up, choose "Setup From A:", insert the Intel®LDCM V3.3 patch for GeniuX 1 floppy disk, and press Setup.



Appendix B.

Retention Module & Intel® Pentium II/Pentium III Celeron™ Processor Installation Procedures

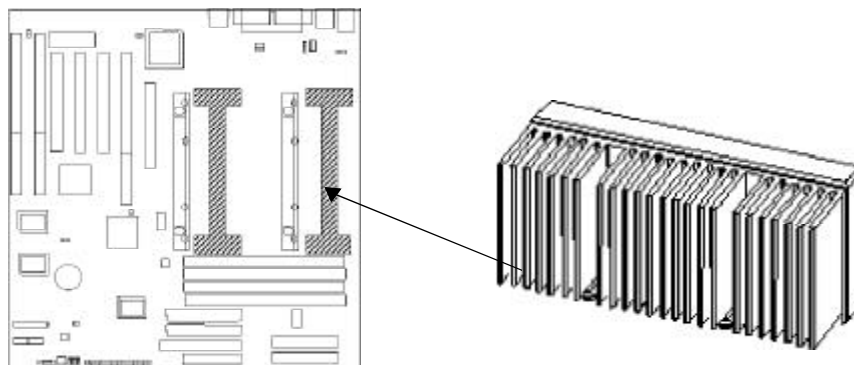
1. Place Plastic Guide with plastic caps on the motherboard, and secure all four caps.



Installation steps:

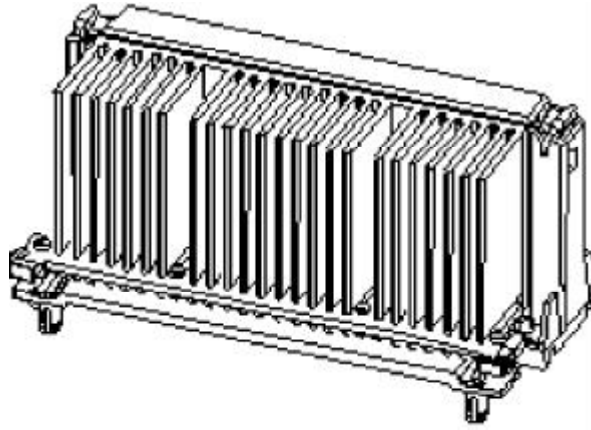
1. Place the retention module onto the mainboard, paying attention to the 4 holes on the mainboard around the Slot 1.
2. Place the 4 plastic nuts into the 4 holes, located on each corner of the retention module.
3. Place the 4 plastic stoppers into the plastic nuts, and secure them.
4. Insert the Intel® Pentium II/Pentium III or Celeron™ Processor onto the retention module.

2. Insert Intel® Pentium II/Pentium III or Celeron™ Processor in Slot1.





. The Retention Module installation procedure is completed as shown below.





Appendix C

Boot Logo

When you power on or reset your system, the picture displayed below will appear on the screen.



If you press <Esc>, it switches to the booting message screen. Otherwise, it enters operating system directly. You can use "**cblogo.exe**" (included on the QDI Mainboard Utility CD) to replace it by any other logo preferred. Regarding the method of using **cblogo.exe** utility, please refer to its online help. If you don't prefer the logo displayed on the screen during boot up, set the "Show Bootup Logo" option as Disabled in the ' BIOS FEATURES SETUP" section of the BIOS

*** We reserve the right of modifying the default full-logo of QDI without further notification.**

Item Checklist

Completely check your package. If you discover damaged or missing items, contact your retailer.

- ☒ GeniuX 1 mainboard
- ☒ QDI Mainboard Utility CD-ROM
- ☒ Retention Module
- ☒ I/O shield (manufacturing option)
- ☒ 1 IDE ribbon cable
- ☒ 1 floppy ribbon cable
- ☒ Internal 50-pin narrow SCSI cable with 3 headers(manufacturing option)
- ☒ Internal 68-pin Ultra 2 SCSI cable with 5 headers& terminator
- ☒ External 68-pin wide SCSI cable with bracket (manufacturing option)
- ☒ User' s manual
- ☒ Intel®LDCM V3.3 CD-ROM and Floppy Disk (manufacturing option)

Notice

The information in this document is subject to change in order to improve reliability, design, or function without prior notice and does not represent a commitment on the part of this company. In no event will we be liable for direct, indirect, special, incidental, or consequential damages arising out of the use or the possibility of such damages.

All trademarks are the property of their respective owners.

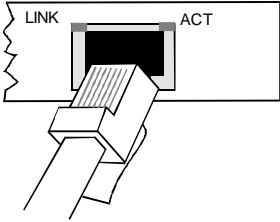
If you need any further information, please visit our web-site: "www.qdigrp.com".

Board Layout of GeniuX 1 V1.0

Supplement for Intel LAN adapter manual

For the onboard LAN adapter on G1 mainboard, refer to the chart below instead of the chart on page1.

100BASE-TX Wiring



Twisted pair Ethernet(TPE).
Use category 5 cable and RJ-45 connector for this adapter. Do not use category 3 wiring at 100 Mbps. At 100 Mbps, connect to a TX hub, not a T4 hub. For full duplex, see instruction on page 11.