

### Item Checklist

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

- ☒ WinneX 3E mainboard
- ☒ QDI Mainboard Utility CD-ROM
- ☒ Retention Module
- ☒ I/O shield
- ☒ 1 IDE ribbon cable
- ☒ 1 floppy ribbon cable
- ☒ 1 9-pin ribbon cable w ith bracket for serial port 2 (manufacturing option)
- ☒ QDI Serial Product R.M.A. Warranty Card
- ☒ 1 spare jumper cap
- ☒ User' s manual

### Notice

The information in this document is subject to change in order to improve reliability, design, or function w ithout prior notice and does not represent a commitment on the part of this company. In no event w ill 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 ow ners.

If you require further information, please visit our w eb-site: “ w w w.qdigrp.com” .

# Declaration of conformity



**QUANTUM DESIGNS(HK) LTD.**

**5/F Somerset House, TaiKoo Place 979 Kings Road,  
Quarry Bay, Hong Kong**

declares that the product

**Mainboard**

**WinneX 3E**

is in conformity with

(reference to the specification under which conformity is declared in  
accordance with 89/336 EEC-EMC Directive)

- ☒ EN 55022 Limits and methods of measurements of radio disturbance characteristics of information technology equipment
- ☒ EN 50081-1 Generic emission standard Part 1:  
Residential, commercial and light industry
- ☒ EN 50082-1 Generic immunity standard Part 1:  
Residential, commercial and light industry

European Representative:

QDI COMPUTER ( UK ) LTD

QDI COMPUTER ( SCANDINAVIA ) A/S

QDI SYSTEM HANDEL GMBH

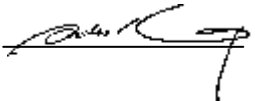
QDI COMPUTER ( NETHERLANDS ) B. V.

QDI COMPUTER (FRANCE) SARL

QDI COMPUTER HANDELS GMBH

QDI COMPUTER (ESPANA) S.A.

QDI COMPUTER (SWEDEN) AB

Signature :  . Place / Date : HONG KONG/1999

Printed Name : Anders Cheung Position/ Title : President

## Declaration of conformity

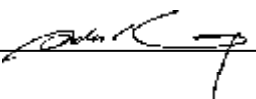


Trade Name:	QDI Computer ( U. S . A. ) Inc.
Model Name:	WinneX 3E
Responsible Party:	QDI Computer ( U. S. A.) Inc.
Address:	41456 Christy Street Fremont, CA 94538
Telephone:	(510) 668-4933
Facsimile:	(510) 668-4966

Equipment Classification:	FCC Class B Subassembly
Type of Product:	Mainboard
<b>Manufacturer:</b>	<b>Quantum Designs (HK) Inc.</b>
Address:	5/F, Somerset House, TaiKoo Place 979 Kings Road, Quarry Bay, HONG KONG

### Supplementary Information:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Signature :  Date : 1999



## CONTENTS

SpeedEasy Quick Setup(English) .....	S.1
SpeedEasy Schnell-Installation(Deutsch) .....	S.3
Fácil Y Veloz Rápida Instalación(Español) .....	S.5
Facilité de vitesse Initialisation(Francais) .....	S.7
Setup Della Scheda SpeedEasy(Italiano) .....	S.11
SpeedEasy 快速安装指南(中文繁体) .....	S.13
SpeedEasy 快速安装指南(中文简体) .....	S.15

## 1. Introduction ..... 1

Overview .....	1
Flexibility in Designing Cost-effective System .....	1
Key Features .....	2
Introduction to New Features .....	4

## 2. Installation Instructions ..... 7

### External Connectors ..... 7

PS/2 Keyboard & PS/2 Mouse Connector .....	7
USB1 & USB2 .....	7
Parallel Port Connector, Monitor Output Connector and Serial Port Connector .....	7
Line-in Jack, Microphone-in Jack, Speaker-out Jack and MIDI/Joystick Connector .....	8
ATX Power Supply Connector & Power Switch .....	8
Hard Disk LED Connector (HDLED) .....	9
Reset Switch (RESET) .....	9
Speaker Connector (SPEAKER) .....	9
Power LED Connector (PWR_LED) .....	9
Key-Lock Connector (KEY_L) .....	9
ACPI LED Connector (GREEN_LED) .....	9
Hardware Green Connector (SLEEP) .....	9
Infrared Header (IrDA) .....	10
Fan Connector (CPUFAN & CHSFAN) .....	10
Wake-Up On LAN (WOL) .....	11
Wake-Up On Internal Modem (WOM) .....	11
Audio Connector (CDLIN, MODEM) .....	11
4 pin SMBus Connector (SMBUS) .....	12
Sound Connector (PC-PCI) .....	12
Chassis Security Switch (CHSSEC) .....	12





## CONTENTS

Audio/Modem Riser Interface Connector (AMR) .....	12
Expansion Slots & I/O Ports Description .....	13
<b>Jumper Settings</b> .....	13
Overclocking Jumper Setting (JFS0, JFS1) .....	13
Clear CMOS (JCC) .....	14
Enable/Disable On-board Audio CODEC (JSD) .....	14
Enable Keyboard Password Power-on Function (JKB) .....	14
PCI 3.3VSB Voltage Jumper (JSB) .....	15
Enable USB Device Wake-up Function (JUSB) .....	16
FWH Protection Jumper (JAV) .....	16
Installation of All Drivers .....	17
PC-cillin 98 .....	18
QDI ManageEasy .....	18
<b>Additional Information</b> .....	18
 <b>3. BIOS Description</b> .....	<b>19</b>
<b>Utility Support</b> .....	<b>19</b>
AWDFLASH.EXE .....	19
<b>AWARD BIOS Description</b> .....	<b>20</b>
Entering Setup .....	20
Load Optimized Defaults .....	20
Standard CMOS Features Setup .....	20
CPU SpeedEasy Setup .....	24
Advanced BIOS Features Setup .....	25
Advanced Chipset Features Setup .....	27
Power Management Setup .....	28
PNP/PCI Configuration Setup .....	30
Integrated Peripherals .....	31
PC Health Status .....	33
Password Setting .....	35
Boot with BIOS Defaults .....	35
 <b>Appendix QDI Mainboard Utility CD-ROM</b> .....	<b>36</b>
 <b>RecoveryEasy</b> .....	<b>37</b>
Introduction .....	37
Operation Process .....	37
FAQ .....	42





### **Caution**

**Be sure to unplug the AC power supply before adding or removing expansion cards or other system peripherals, especially the SDRAM memory, otherwise your mainboard or the system memory might be seriously damaged.**

The AC power status (ON/OFF) of the system is indicated by the red LED near the two DIMM sockets. If the LED is on, adding or removing devices like SDRAM memory is prohibited.



## SpeedEasy Quick Setup

### Procedures :

1. Correctly insert the Intel® Pentium® III/Pentium® II/Celeron™ Slot 1 processor.
2. Plug in other configurations and restore the system.
3. Switch on power to the system and press the <Del> key to enter BIOS Setup.
4. Enter "CPUSpeedEasy Setup" menu to set up the CPU speed.

**Note: If you do not set the CPU speed, your system will run at the default setting (266MHz for processor with 133MHz host bus speed, 200MHz for processor with 100MHz host bus speed, 133MHz for processor with 66MHz host bus speed, for bus ratio locked processor, run its real speed.)**

5. Save and exit BIOS Setup, your system will now boot successfully.



## CPU SpeedEasy Setup Menu

Select <CPU SpeedEasy Setup> item from the main menu and enter the sub-menu:



Figure - 1 CPU SpeedEasy Setup Menu

BIOS provides you with a set of basic values for your processor selection instead of the jumper settings. The processor speed can be manually selected on the "CPU SpeedEasy SETUP" menu screen.



### Warning:

Do not set CPU frequency higher than its working frequency. If you do, we will not be responsible for any damages caused.

