



Copyright 2012 All Rights Reserved Manual Version 1.1 Model Number: NPT-1550

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Safety

IMPORTANT SAFETY INSTRUCTIONS

1. To disconnect the machine from the electrical power supply, turn off the power switch and remove the power cord plug from the wall socket.

The wall socket must be easily accessible and in close proximity to the machine.

- 2. Read these instructions carefully. Save these instructions for future reference.
- 3. Follow all warnings and instructions marked on the product.
- 4. Do not use this product near water.
- 5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
- 6. Slots and openings in the cabinet and the back or bottom are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered.

The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register or in a built-in installation unless proper ventilation is provided.

- 7. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- 8. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
- 9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.
- 10. Never spill liquid of any kind on the product.

CE MARK CE E This 2004, 2006,

This device complies with the requirements of the EEC directive
 2004/108/EC with regard to "Electromagnetic compatibility" and
 2006/95/EC "Low Voltage Directive"

FC

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

CAUTION ON LITHIUM BATTERIES

There is a danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

LEGISLATION AND WEEE SYMBOL

2002/96/EC Waste Electrical and Electronic Equipment Directive on the treatment, collection, recycling and disposal of electric and electronic devices and their components.

The crossed dustbin symbol on the device means that it should not be disposed of with other household wastes at the end of its working life. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms



and conditions of the purchase contract.

This product should not be mixed with other commercial wastes for disposal.

Revision History

Changes to the original user manual are listed below:

Version	Date	Description	
1.0	Feb. 2012	•	Initial release

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1. Package Checklist

1-1 Standard items

a. System



b. power adapter



1-2 Optional items

a. Second Display





d. driver bank/e-User Manual











e. power cord



2. System View



No.	Description
8	VFD (OPTION)
9	System Box (Inside with Motherboard)
10	Vesa Cover
11	Cables outlet

Rear I/O View



No.	Description
1	DC 12V IN
2	Cash Drawer Port
3	USB (x4)
4	LAN (10/100/1000)
5	COM(x4)
6	2nd VGA
7	DC 12V OUT
8	2.5 HDD
9	Parallel port
10	Line OUT

3. System Assembly & Disassembly

3-1 Replace the HDD



- a. Unfasten the screws (x2) to remove the HDD cover.
- b. Disconnect the HDD Cable and take out the HDD with HDD metal bracket.
- c. Unfasten



- c. Unfasten the screws (x4) at both sides of HDD metal bracket.
- d. Slide out the HDD from the HDD metal bracket and replace the HDD.

3-2 Replace the Motherboard

To replace the motherboard, please follow the below steps:

- (1) Disconnect the HDD cable from the motherboard (Chapter 3-1, step a,b)
- (2) Open the system box to access the motherboard (See below)



- a. Unfasten the screws(x11) on the back of system box.
- b. Press the Front bezel then separate top and bottom chassis(L1 \sim L2).
- c. Remove the LCD rear cover.



- d. Unfasten the screw(x8) fixing the motherboard and heatsink.
- e. Unfasten the screw(x4) fixing the motherboard.
- f. cable unplug out the motherboard with metal I/O bracket.

3-3 Replace the Inverter Board & Touch Board:

3-3-1 Replace the Inverter Board







- a. The location of Inverter board on the LCD sheet metal bracket.
- b. Unfasten the screws (x2).
- c. Disconnect the cables (x3).

3-3-2 Replace the Touch Board:



- a. The location of touch board on the LCD sheet metal bracket.
- b. Unfasten the screws (x2).
- c. Disconnect the cables (x2).

3-3 Install VFD & MSR (Optional):

3-4-1 VFD install:







- a. Unfasten the screws.
- b. Install VFD Module on the rear cover.
- c. Tighten the screws.

3-4-2 MSR install:



- a. Unfasten the screws.
- b. Pull the MSR cover from rear cover.
- c. Install the MSR Module on the rear cover.
- d. Tighten the screws.

4. Specification

Model Name	NPT-1550			
Motherboard	NP-D5250			
Processor	Intel® Atom D525 Dual-Core Processor, 1.8GHz, 1M L2 Cache			
Chipset	Intel® ICH8M, NH82801HBM I/O Control Hub			
System Memory	1 x SO-DIMM DDR3 800 2GB			
Craphia Mamany	Integrated Intel® Graphics Media Accelerator 3150,			
Graphic Memory	share system memory up to 256MB			
LCD / Touch Panel				
LCD Size	15" TFT XGA (1024x768) 250cd/m² LCD Panel			
Touch Screen	15" 5-wire Resistive Touch Panel			
Tilt Angle	0° ~ 80°			
Storage Device				
Hard Drive	1 x 2.5" SATA HDD 160GB 5,400rpm, Removable type			
Expansion				
mini-PCIe	1 x mini-Card slot (mini-PCle / USB)			
Rear I/O				
Serial port	4 x RS-232			
USB port	4 x USB 2.0			
Parallel port	1 x Parallel			
LAN Port	1 x RJ-45 (10/100/1000Mbps Ethernet)			
VGA	1 x VGA			
Cash Drawer Port	1 x RJ-11, support 2 cash drawers (24V, Max 1.1A)			
DC Jack	1 x 12V-IN			
DC-OUT Jack	1 x 12V-OUT for 2nd Display Power			
Line-OUT	1 x Line-OUT for Audio			
Audio	Audio			
System Buzzer	1 x System Buzzer			
Internal Speaker	1 x 3W Speaker			
System Control/ Indicat	System Control/ Indicator			
Power Switch	1 x Power ON/OFF switch			
Power LED	1 x Power ON LED (Green)			
Power				
Power Supply	External AC-DC 12V/96W or 100W Power Brick			
Peripheral (Optional)				

MSR	ISO 3 Tracks MSR (USB or PS/2)		
Customer Display	2 x 20 VFD customer display		
2 nd Display	15" LCD monitor		
Certificate			
EMC & Safety	FCC Class A / CE / LVD		
Environment			
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)		
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)		
Operating Humidity	20% - 80% RH non-condensing		
Storage Humidity	20% - 85% RH non-condensing		
Dimension			
80° tilt angle	368(W) x 331(H) x 210(D) mm (No MSR) /		
	410(W) x 331(H) x 210(D) mm (w/ MSR)		
Display Head	368(W) x 282(H) x 69.9(D) mm (No MSR) /		
	410(W) x 282(H) x 69.9(D) mm (w/ MSR)		
Footprint	249 (W) x 209 (D) mm		
Package Size	490(L) x 390(W) x 400mm(H) (No MSR) /		
	530(L) x 390(W) x 400mm(H) (w/ MSR)		
Weight			
Net Weight	7.2kg (15.4lbs)		
Gross Weight	9.5kg (17.8lbs)		
OS Support			
Windows	POSReady 2009, Win 7 Pro, XP Pro, Win CE 6.0.		
Linux	2.6 / 2.4 (Ubuntu, SuSE, CENTOS, Fedora)		

5-1 NP-D5250 Motherboard Layout



5-2 Connectors Description

Connector	Purpose	Connector	Purpose
CN1	COM5	CN2	LVDS CON 24bit
CN3	COM6	CN4	LVDS CON 18bit
CN5	MINI PCI-E	CN6	AUDIO (Line out and MIC IN)
CN7	Parallel Interface	CN8	COM4
CN9A	COM3 Connector	CN9B	VGA Connector
CN10	DC-Power Input Connector		
COM1A	COM1 Connector	COM1B	COM2 Connector
CON1	MSR CONN	CON3	DC-Power Output Connector
CON4	LAN+USBx2 Connector	CON5	RJ11 Connector
J1	INV18 1x5 JST Connector	J4	SATA Power Connector
J5	JST USB Connector	J7	JST USB Connector.
J 9	HW RESET SW	J10	KB Connector
J11	SPEAK OUT	J12	POWER SW
J14	TOUCH Connector		
JP5	LED Connector		

5-3 Jumper Settings

Panel Power selection:JP1

Function	JP1 (1-2) (2-3)
©3V	
5V	

⊘Default setting 1-2 short.

CMOS CLEAR SIGNAL: JP2

Function	JP1 (1-2) (2-3)
<pre> ONORMAL </pre>	0 3 0 1
CLEAR CMOS	O 3 O 1

ODefault setting 1-2 short.







5-4 Install a Cash Drawer

You can install a cash drawer through the cash drawer port. Please verify the pin assignment before installation.

Cash Drawer Pin Assignment

6	1

Pin	Signal	
1	CASEOPEN2#	
2	CASH1_P	
3	CASEOPEN#	
4	24V	
5	CASH2_P	
6	GND	

Cash Drawer Controller Register

The Cash Drawer Controller use one I/O addresses to control the Cash Drawer.

6. BIOS Settings

This chapter explains how to use the BIOS Setup program for the NPT-1550. The current BIOS setup pictures in the chapter are for reference only, which may change by the BIOS modification in the future. User can download any major updated items or reversion from NEXCOM web site http://www.nexcom.com.tw. If any unclear message occurs, please contact NEXCOM customer service representative for help.

When the BIOS Main Menu is displayed, the following items can be selected. Use the arrow keys to select items and the Enter key to accept and enter the sub-menu.

6-1 Entering Setup

Power on the computer and press **** immediately will allow you to enter Setup. The other way to enter Setup is to power on the computer, when the below message appears briefly at the bottom of the screen during the POST (Power On Self Test), press **** key.

6-2 The Main Menu

Once you enter AMI BIOS CMOS Setup Utility, the Main Menu will appear on the screen. The Main Menu allows you to select from six setup functions and one exit choices. Use arrow keys to select among the items and press **<Enter>** to accept or enter the sub-menu.

BIOS SETUP UTILITY			
Hain Advanced Boot	Chipset PCIPnP	Security Exit	
System Overview		Use [ENTER], [TAB]	
AMIBIOS Version :08.00.15 Build Date:03/04/11 :3525-002		Use [+] or [-] to configure system Time.	
Processor Intel(R) Atom(TM) CPU D525 Speed :1800MHz	@ 1.80GHz		
System Time System Date	[13:41:32] [Mon 03/14/2011	+ Select Screen 11 †4 Select Item +- Change Field Tab Select Field F1 General Help F10 Save and Exit ESC Exit	
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%Note: The BIOS setup menus shown in this section are for reference only and may

not exactly match the items of your BIOS version.

6-3 Main Features

Use this menu for basic system configuration.

	BIOS SETUP UTILITY	
Hain Advanced Bo	oot Chipset PCIPnP	Security Exit
System Overview		Use (ENTER), (TAB)
AMIBIOS Version :08.00.15 Build Date:03/04/11 ID ID :S525-002		use [+] or [-] to configure system Time.
Processor Intel(R) Atom(TM) CPU Speed :1800MHz	D525 @ 1.80GHz	
System Time	[13:41:32]	+ Select Screen
System Date	[Mon 03/14/2011]	14 Select Item
		Tab Select Field
		F1 General Help
		F10 Save and Exit
		LOC LATE
u02_61_(C)Cc	muriabt 1985-2006, America	n Megatrends. Inc.

6-4 Advanced Features

Use this menu to set the Advanced Features available on the system.



IDE Configuration

This section is used to configure the IDE drives.

USB Configuration

This section is used to configure USB devices.

ACPI Configuration

This section is used to configure the Advanced ACPI configuration.

MPS Configuration

This section is used to configure the MPS configuration.

Super IO Configuration

This section is used to configure the I/O functions supported by the onboard Super I/O chip.

Hardware Health Configuration

This section is used to configure the hardware monitoring events such as the temperature, fan speed and voltages.

IDE Configuration

This section is used to configure the IDE drives.



Configure SATA As

IDE: This option configures the Serial ATA drives as Parallel ATA physical storage device.

Default:[Enhanced]

AHCI: This option configures the Serial ATA drives to use AHCI (Advanced Host Controller Interface). AHCI allows the storage driver to enable the advanced Serial ATA features which will increase storage performance.

Default: [IDE]

USB Configuration

This section is used to configure USB devices.

BIOS SETUP UTILITY Advanced		
USB Configuration	Enables support for legacy USB, AUTO	
Module Version - 2.24.3-13.4 USB Devices Enabled : 3 Keyboards	option disables legacy support if no USB devices are connected.	
Legacy USB Support [Enabled] USB 2.0 Controller Mode [HiSpeed] BIOS EHCI Hand-Off [Enabled] Hotplug USB FDD Support [Auto]		
▶ USB Mass Storage Device Configuration	 Select Screen Select Item Change Option General Help Save and Exit ESC Exit 	
	M touls Inc	

Legacy USB Support

Due to the limited space of the BIOS ROM, the support for legacy USB keyboard (in DOS mode) is by default set to Enabled. With more BIOS ROM space available, it will be able to support more advanced features as well as provide compatibility to a wide variety of peripheral devices.

If a PS/2 keyboard is not available and you need to use a USB keyboard to install Windows (installation is performed in DOS mode) or run any program under DOS, set this field to Enabled.

Default: [Enabled]

USB 2.0 Controller Mode

Sets the USB 2.0 controller mode to HiSpeed (480 Mbps) or FullSpeed (12 Mbps). **Default:[HiSpeed]**

BIOS EHCI Hand-Off

Enable this field when using operating systems without the EHCI hand-off support.

Default:[Enabled]

Hotplug USB FDD support

Allows you to enable or disable the support for a USB floppy disk drive. When set to auto, the system automatically detects the device and enables the support for the device. **Default:** [Auto]

ACPI Configuration

This section is used to configure the Advanced ACPI configuration.

Advanced	BIOS SEIDE DITUTA		
ACPI Settings	I Settings		
Suspend mode Repost Video on S3 Resume ACPI APIC support	[S3 (STR)] [No] [Enabled]	— state used for System Suspend.	
		 Select Screen Select Item Change Option F1 General Help F10 Save and Exit ESC Exit 	
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Suspend mode

Sets the ACPI Standby State when system goes into ACPI Standby Mode.*S1/PSOS*: Power on Suspend. In the S1 state, a bit more power is consumed and the fans remain active. *S3/STR*: Suspend to RAM. Provides the greatest amount of power savings. While in the S3 state, the PC is silent with the monitor and fans off.

Default: [S1 (POS)]

Repost Video on S3 Resume

Set this value to allow video repost support. *No*: this setting prevents the video BIOS to be initialized when coming out of the S3 state. *Yes*: this setting allows the video BIOS to be initialized when coming out of the S3 state.

ACPI APIC support

The ACPI standard (Advanced Configuration and Interface power) allows the operating system directly to check the functions of energy saving and the PnP (Plug and Play) functionality. The ACPI functions are normally activated by the BIOS. The choices are: Enabled and Disabled **Default:[Enabled]**

MPS Configuration

This section is used to configure the MPS configuration



MPS Revision

Selects the MPS revision used by the system.

Default:[1.4]

Configuration Win627 Super IO Chipset

This section is used to configure the I/O functions supported by the onboard Super I/O chip.

	IOS SETUP UTILITY	
Advanced		
Configure Win627 Super IO Chip	set	Allows BIOS to Select Parallel Port Base
Parallel Port Address	[378]	Addresses.
Parallel Port Mode	[Normal]	
Parallel Port IRQ	[IRQ7]	
Serial Port1 Address	[3F8]	
Serial Port1 IRQ	[4]	
Serial Port1 Voltage select	[RI]	
Serial Port2 Address	[2F8]	
Serial Port2 IRQ	[3]	
Serial Port2 Voltage select	[RI]	
Serial Port3 Address	[3E8]	
Serial Port3 IRQ	[5]	+ Select Screen
Serial Port3 Voltage select	[RI]	↑↓ Select Item
Serial Port4 Address	[2E8]	+- Change Option
Serial Port4 IRQ	[10]	F1 General Help
Serial Port4 Voltage select	[RI]	F10 Save and Exit
Serial Port5 Address	[Disabled]	ESC Exit
Serial Port6 Address	[4E8]	
Serial Port6 IRQ	[5]	
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Parallel Port Address

Selects the parallel port's base address. **Default:[378]**

Parallel Port Mode

This field is used to select normal, ECP or EPP mode of the parallel port. **Default:** [Normal]

Parallel Port IRQ

This field is used to select an IRQ for the parallel port. **Default: [IRQ7]**

Serial Port1 Address to Serial Port6 Address

Auto The system will automatically select an I/O address for the onboard serial port. 3F8/IRQ4, 2F8/IRQ3, 3E8/IRQ4, 2E8/IRQ3 Allows you to manually select an I/O address for the onboard serial port. Disabled Disables the onboard serial port.

Default: Serial Port1 Address:[3F8] Serial Port1 IRQ[4] Serial Port1 Voltage select [RI] Serial Port2 Address[2F8] Serial Port2 IRQ[3] Serial Port2 Voltage select[RI] Serial Port3 Address[3E8] Serial Port3 IRQ[5] Serial Port3 Voltage select [RI] Serial Port4 Address[2E8] Serial Port4 IRQ[10] Serial Port4 Voltage select[RI] Serial Port5 Address[4F8] Serial Port5 IRQ[11] Serial Port6 Address[4E8] Serial Port6 IRQ[7]

Hardware Health Configuration

This section is used to configure the hardware monitoring events such as the temperature, fan speed and voltages.

Hardware Health Configuration		Enables Hardware	
H/W Health Function [Enabled]		Device.	
Hardware Health Event Mo	mitoring		
CPU Temperature System Temperature	:45°C/113°F :31°C/87°F		
VcoreA	:1.193 U		
+3.3Uin	:3.403 U	+ Select Screen	
UII	:0.967 U	+- Change Option	
*50in	:4.962 U	F1 General Help F10 Save and Exit ESC Exit	

H/W Health Function

This section is used to configure the hardware monitoring events such as the temperature, fan speed and voltages.

Default:[Enabled]

CPU Temperature and System Temperature

Detects and displays the current temperature of the CPU and the internal temperature of the system.

Vcoreft

Detects and displays the output voltages

6-5 Boot Settings

This section is used to configure settings during system boot.



Boot Settings Configuration

This section is used to configure settings during system boot.

Boot Device Priority

This section is used to select the boot priority sequence of the devices.

Hard Disk Drives

This section is used to select the boot priority sequence of the hard disk drives.

Removable Drives

This section is used to configure the Removable Drives configuration

Boot Settings Configuration

This section is used to configure settings during system boot.

Part Sattings Configuration		Allows BIOS to skip	
Quick Boot Quiet Boot Bootup Num-Lock PS/2 Mouse Support Hit 'DEL' Message Display	(Enabled] (Enabled] (On] (Enabled] (Enabled]	— certain tests while booting. This will decrease the time needed to boot the system.	
		 Select Screen Select Item Change Option General Help Save and Exit ESC Exit 	

Quick Boot

When Enabled, the BIOS will shorten or skip some check items during POST. This will decrease the time needed to boot the system.

Default:[Enabled]

Quiet Boot

Enabled Displays OEM logo instead of the POST messages. Disabled Displays normal POST messages. Default:[Enabled]

Bootup Num-Lock

This allows you to determine the default state of the numeric keypad. By default, the system boots up with Num-Lock on wherein the function of the numeric keypad is the number keys. When set to Off, the function of the numeric keypad is the arrow keys.

Default:[On]

PS/2 Mouse Support

Enables or disables the PS/2 mouse **Default:[Enabled]**

Hit 'DEL' Message Display

When enabled, the system displays the "Press DEL to run Setup" message during POST. **Default:[Enabled]**

Boot Device Priority

This section is used to select the boot priority sequence of the devices.



1st Boot Device

The BIOS will boot the operating system according to the sequence of the drive selected.

2nd Boot Device

The BIOS will boot the operating system according to the sequence of the drive selected.

Hard Disk Drives

This section is used to select the boot priority sequence of the hard disk drives.



Removable Drives

This section is used to configure the Removable Drives configuration

Boo			
emovable Drives		Specifies the boot	
1st Drive	[USB:USB Hotplug FD]	sequence from the available devices.	
		 Select Screen Select Item Change Option General Help F10 Save and Exit ESC Exit 	
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6-6 Chipset

This section is used to configure the system based on the specific features of the chipset.

BIOS SETUP UTILITY	
Main Advanced Boot Chipset PCIPnP See	curity Exit
Advanced Chipset Settings WARNING: Setting wrong values in below sections may cause system to malfunction. > Morth Bridge Configuration > South Bridge Configuration	Configure North Bridge features.
	 ← Select Screen ↑↓ Select Item Enter Go to Sub Screen F1 General Help F10 Save and Exit ESC Exit
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North Bridge Chipset Configuration

North Bridge Chipset Configura	Select the amount of system memory used by the Internal graphics device.	
PCI MMIO Allocation: 46B To 3072MB Initate Graphic Adapter IIGDJ Internal Graphics Mode Select [Enabled, 8MB]		
DVMT Mode Select DVMT/FIXED Memory	[DUNT Mode] [256MB]	
Boot Display Device Flat Panel Type LVDS Backlight Control	[CRT + LVDS] [1024x768 18bit S] [100%]	 ← Select Screen ↑↓ Select Item ← Change Option F1 General Help F10 Save and Exit ESC Exit

Initiate Graphic Adapter

Selects the graphics controller to use as the primary boot device.

Internal Graphics Mode Select

Selects the amount of system memory used by the internal graphics device.

DVMT Mode Select Selects the DVMT mode. Default:[DVMT Mode]

DVMT/Fixed Memory

This field is used to select the graphics memory size used by DVMT/Fixed mode. **Default:[256MB]**

Boot Display Device

This field is used to select the type of display to use when the system boots. **Default:[CRT+LVDS]**

Flat Panel Type

Selects the type of flat panel connected to the system.

Default: [1024x768 18bit S]

LVDS Backlight control

This field is use to control the backlight **Default:**[100%]

South Bridge Chipset Configuration



USB 2.0 Controller

This field is used to enable or disable the Enhanced Host Controller Inter-face controller.

HDA Controller

Enables or disables the onboard audio. **Default:[Enabled]**

SMBUS Controller

Enables or disables the SMBUS controller.

Default:[Enabled]

Restore On AC Power Loss

- Off: When power returns after an AC power failure, the system's power is off. You must press the Power button to power-on the system.
- On: When power returns after an AC power failure, the system will automatically power-on.
- Former-Sts: When power returns after an AC power failure, the system will return to the state where you left off before power failure occurs. If the system's power is off when AC power failure occurs, it will remain off when power returns. If the system's power is on when AC power failure occurs, the system will power-on when power returns.

Default: [Power off]

Power Type Selects the type of power supply. Default:[ATX]

PCIE Port Configures the Mini PCIE port. Default :[Auto]

6-7 PCIPnP

This section is used to configure settings for PCI/PnP device.

		BIOS SET	UP UTILITY		
Main Advanced	Boot	Chipset	PCIPnP	Secu	rity Exit
Advanced PCI/PnP S	ettings				NO: lets the BIOS
WARNING: Setting w may cause	rong valu system f	ies in belo to malfunct	w sections ion.	•	devices in the system. YES: lets the operating system
Plug & Play O/S					configure Plug and Play (PnP) devices not
IRQ3		[Reser	ved]		required for boot if
IRQ4		[Reser	ved]		your system has a Plug
IRQ5		[Reser	ved]		and Play operating
IRQ7		[Reser	ved]		system.
IRQ9		[Avail	able]		-
IRQ10		I Reser	ved]		+ Select Screen
IRQ11		[Reser	ved]		11 Select Item
IRQ14		[Avail	ablel		+- Change Option
IRQ15		[Avail	ablel		F1 General Help
					F10 Save and Exit
					ESC Exit
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Plug & Play O/S

- Yes: Configures Plug and Play (PnP) devices that are not required to boot in a Plug and Play supported operating system.
- No: The BIOS configures all the devices in the system

Default:[No]

IRQ3 to IRQ15

Available The specified IRQ is available for PCI/PnP devices. Reserved The specified IRQ is reserved for Legacy ISA devices.

Default: IRQ3,IRQ4,IRQ5,IRQ7,IRQ10,IRQ11[Reserved] •

IRQ9, IRQ14, IRQ15 [Available]

6-8 Security Settings



Change Supervisor Password

This field is used to set or change the supervisor password. To set a new password:

1. Select the Change Supervisor Password field then press **<Enter>**.

2. Type your password in the dialog box then press **<Enter>**. You are limited to eight letters/numbers.

6-9 Exit Options



Save Changes and Exit:

To save the changes and exit the Setup utility, select this field then press **<Enter>**. A dialog box will appear. Confirm by selecting OK. You can also press **<F10>** to save and exit Setup.

Discard Changes and Exit:

To exit the Setup utility without saving the changes, select this field then press **<Enter>**. A dialog box will appear. Confirm by selecting OK. You can also press **<ESC>** to exit without saving the changes.

Discard Changes:

To discard the changes, select this field then press **<Enter>**. A dialog box will appear. Confirm by selecting OK to discard all changes made and restore the previously saved settings. You can also press **<F7>** to discard the changes.

Load Optimal Defaults:

To load optimal default values from the BIOS ROM, select this field then press **<Enter>**. A dialog box will appear. Confirm by selecting OK. You can also press **<F9>** to load optimal default values.

Load Failsafe Defaults:

To load failsafe default values from the BIOS ROM, select this field then press **<Enter>**. A dialog box will appear. Confirm by selecting OK. You can also press **<F9>** to load failsafe default values.

Appendix

Drivers Installation:

The shipping package includes a Driver CD. You can find every individual driver and utility that enables you to install the drivers in the Driver CD.

Please insert the Driver CD into the drive and double click on the "index.htm" to pick up the models. You can refer to the drivers installation guide for each driverin the "Driver/Manual List".