## POS 430 435 with B55/B75 M/B Installation Guide



## Point-of-Sale Hardware System

P/N: 48200095 Nov 2004 V3.0

## Safety

IMPORTANT SAFETY INSTRUCTIONS

- 1. Read these instructions carefully. Save these instructions for future reference.
- 2. Follow all warnings and instructions marked on the product.
- 3. Do not use this product near water.
- 4. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
- 5. 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.
- 6. 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.
- 7. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
- 8. 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. Never spill liquid of any kind on the product.

### FCC

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

#### Caution on Lithium Batteries

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

## Index

1. Accessory	4
2. I/O Function	5
2.1 I/O Connector	5
3.Specifications	6
3.1 B55 M/B	6
3.2 B75 M/B	7
3.3 System Memory Combination	8
4. Install Peripherals	9
4.1 Install External IDE Device	9
4.2 Install the Magnetic Card Reader (Optional)	9
4.3. Install Cash Drawer	10
4.4. Install Pole Display (Optional)	13
5. Driver Installation	14
5.1 B55	14
5.1.1 NetMos	14
5.1.2 EIO_IOUCN	15 17
5.1.4 LAN driver	
5.2 B75	19
5.2.1 NetMos	19
5.2.2 Elo_Touch	20
5.2.3 VGA	22
5.2.4 LAN UNVER	23
6. Jumper Setting	24
6.1 B55 M/B	24
6.2 B75 M/B	25
6.3 I/O Connector	27

## 1. Accessory





External IDE Cable





**Power Cable** 



**Drivers Bank** 

Warranty Card

The following drivers in the folders of Driver Bank are necessary for driver installation. B55 M/B

Folder/File	File Description
<cd>: \B55\VGA</cd>	VGA driver
<cd>: \Common\LAN_driver\R8139_810x</cd>	LAN driver
<cd>: \Common\NetMOS</cd>	NetMOS driver
<cd>: \Common\ELO_Touch</cd>	Touch driver

#### B75 M/B

Folder/File	File Description
<cd>: \B75\VGA</cd>	VGA driver
<cd>:\Common\LAN_driver\R8139_810x</cd>	LAN driver
<cd>: \Common\NetMOS</cd>	NetMOS driver
<cd>: \Common\ELO_Touch</cd>	Touch driver

Note: The touch screen is setting on COM5. The Netmos driver must be loaded to enable COM5 & COM6 before installing ELO touch driver to COM5.

## 2. I/O Function



### 2.1 I/O Connector



#	Function	#	Function		# Function		Function
1	DC Output 24V/2.0A	5	COM1		PS/2 Mouse		
	(Optional)						
2	LAN	6	COM2	10	COM3		
3	USB1&2	7	COM4	11	LPT		
4	Cash Drawer 1&2	8	PS/2 Keyboard	12	IDE		



Pin	Assignment
1	NC
2	+ 24V DC
3	Ground

## **3.**Specifications

### 3.1 B55 M/B

Items	POS430	POS430M	POS430L	POS435					
Motherboard	B55								
Core Logic	SiS 630ST Single Chip								
CPU	Intel <sup>®</sup> SK370 CP	Intel <sup>®</sup> SK370 CPUs Celeron <sup>®</sup> /PIII <sup>®</sup> FC-PGA /FC-PGA2							
	FSB 66/100/133	<sup>-</sup> SB 66/100/133Mhz							
System RAM	168pin x 2 DIMM	68pin x 2 DIMM sockets, up to 1GB FSB 66/100/133MHz							
BIOS	Award	Award							
Video Display	Built-in Core Log	Built-in Core Logic							
Video memory	2/4/8/16/32/64 N	1B frame buffer us	ing system memory	y					
IDE controller	PCI IDE support	s ATA PIO UDMA3	3/66/100						
	One primary 40-	pin 2.54 pitch and	one 44-pin 2.0 pito	ch(secondary)					
I/O Controller	Built-in Core Log	gic integrate V1.1 l	JSB controller						
	W83697HF x 2 s	supports : PS2 Key	/board x 1 & PS2 M	louse x 1 & COM1 ~					
	COM4 & LPT x <sup>-</sup>	1							
	NetMos Nm9835	5 supports : COM5	5 ~ COM 6						
LAN controller	RTL8139C 10/10	00Mb Fast Etherne	et						
Motherboard	232(w) x 208 (D) mm								
Size									
I/O Ports	RJ-45 LAN x 1								
	USB x 2								
	LPT x 1								
	COM port x 4 (pin1/pin9 supports +5V/+12V selectable)								
	Cash Drawer x 2 supports 12V								
	PS2 Keyboard x 1, PS2 Mouse x 1								
	External IDE x 1								
	Optional 24V DC	port x1 (Blind hol	e)						
Cash Drawer	Output address	200H, Input addre	ss 201H						
	One 2 5" intern								
HDD drive									
LCD Panel	Desclution 900	IZ.I LVD5 LCD	IZ.I LVDS LCD	15 LVDS LCD					
		$\frac{1000}{100} \times \frac{1000}{100} \times 10$		10242769					
			Luminanco	10248700					
	$180 \text{ cd}/\text{m}^2$	$150 \text{ cd}/\text{m}^2$	$100 \text{ cd}/\text{m}^2$	$250 \text{ cd}/\text{m}^2$					
Touch Panol	5-wiro rocistivo		5-wiro / 6-wiro	5-wiro / 6-wiro					
Touch Fanel	touch	touch	resistive touch	resistive touch					
Card Reador	Ontional keyboo	rd/serial type MSP	3 track						
Customer									
Dienlay									
Display									

2 <sup>nd</sup> Pole Display	Optional LED/VFD/LCD type
Power Supply	Internal FT-8180 ATX 180W
Operation Temp.	5°C ~ 35°C
EMI/EMS	FCC /CE Class A
System	320 (W) x 344~ 360(D) x 216 ~ 338.7(H) mm
Dimension	
Weight	N.W. 7.5Kgs / G.W 9.0Kgs

Note: The control Chip NetMos NM9835 of B55 M/B that controls COM5 & COM6 is PCI 2.1 protocol, which not support system standby mode.

### 3.2 B75 M/B

Model No.	POS430L	POS430	POS435					
Motherboard	B75							
Core Logic	SIS 650 (SIS 650 & SIS 961 ) Supports 400MHz FSB							
CPU	Intel P4 processor m	ntel P4 processor mP478-Pin						
System Memory	2 x DIMM up to 2GB	DDR SDRAM 200/266						
BIOS	AWARD PnP 2Mbit							
VGA Display	Built-in Core Logic							
VGA memory	4/8/16/32/64 MB frar	me buffer using system i	memory					
I/O Controller	Built-in Core Logic ir	ntegrate V1.1 USB contr	oller					
	W83697HF x 2 supp	orts : COM1 ~ COM4 &	LPT1 x 1					
	NetMos Nm9835 x1	supports : COM5-COM	6					
LAN Controller	RTL 8100BL 10/100	Mb Fast Ethernet contro	ller					
M/B dimension	23.2 x 20.8cm (W*D)							
DVO	SIS302LV							
I/O Ports	RJ-45 LAN Port x 1							
	USB(1.1) x 2							
	LPT x 1							
	COM Port x 4 (pin1/pin9 supports +5V/+12V selectable)							
	Cash Drawer Port x	2 supports 12V						
	PS2 Keyboard Port	x 1, PS2 Mouse Port x 1						
	External IDE connec	tor x 1						
	Optional 24V DC out	tput Port x1 (Blind Hole)						
Cash drawer port	Cash Drawer Port: C	Dutput address 200H, Inj	out address 201H					
Compact Flash	Not support							
HDD drive	Optional One 3.5"HE	DD						
LCD Panel	Panel         12.1" TFT LCD         12.1" TFT LCD         15" TFT I		15" TFT LCD					
	Resolution 1024x76	esolution 1024x768 Resolution 800x600 Resolution 1						
	Brightness 150cd/m <sup>2</sup>	<sup>2</sup> Brightness 180 cd/m	<sup>2</sup> Brightness 250cd/m <sup>2</sup>					

I							
Touch panel	5-wire / 6-wire resistive	5-wire / 6-wire resistive	5-wire / 6-wire resistive				
	touch panel	touch panel	touch pane				
Card Reader	Optional keyboard/seria	al type MSR 3 track					
Customer Display	Optional LED/VFD / LC	D fixed type display					
Pole Display	Optional 2nd Pole Disp	lay support LED/VFD /L	CD type				
Power Supply	FT-8180 180W ATX power supply						
Operation	5°C ~ 35°C						
Temperature							
EMI/EMS	FCC/CE Class-A						
System	320 (W) x 344- 360(D) x 216 – 338.7(H) mm						
Dimension							
Weight	N.W. 7.5kgs/ G.W 9kgs						

Note: The control Chip NetMos NM9835 of B75 M/B that controls COM5 & COM6 is PCI 2.1 protocol, which not support system standby mode.

### 3.3 System Memory Combination

B55

RAM Size Slot	128MB		256MB			512MB			1024MB
DIMM1	Х	128	128	256	Х	256	512	Х	512
DIMM2	128	Х	128	Х	256	256	Х	512	512

B75

RAM Size Slot	128MB		256MB		512MB			1024MB	2048MB	
DIMM1	Х	128	128	256	Х	256	512	Х	512	1024
DIMM2	128	Х	128	Х	256	256	Х	512	512	1024

## 4. Install Peripherals 4.1 Install External IDE Device

Connect the IDE cable from either the second HDD or CD-ROM drive to the 50 pin Header hidden under the base cover. Check if the second HDD or CD-ROM drive is properly connected if there is no signal.



### 4.2 Install the Magnetic Card Reader (Optional)

The MCR unit is tested and can be supplied at your request. This MCR is removed during transportation and can be connected by the user. There are two types of MCR Module, either by the COM type or keyboard type.



System Bay Module and lock it with two screws.

a. Install the MCR module to the right side of b. If you select a keyboard type MCR and the system does not connect a standard P/S2 keyboard, please insert the Terminator for simulate and instead of the P/S2 Keyboard.

Note: We have a new version that enhances the Keyboard type MCR. When you select a keyboard type MCR, does not connect a standard P/S2 keyboard or insert the Terminator.

### 4.3. Install Cash Drawer



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

### 4.3.1 Cash Drawer Pin Assignment



Pin	Signal	Pin	Signal
1	GND	7	GND
2	DOUT bit0	8	DOUT bit2
3	DIN bit0	9	DIN bit1
4	12V	10	12V
5	DOUT bit1	11	DOUT bit3
6	GND	12	GND

### 4.3.2 Cash Drawer Controller register

The Cash Drawer Controller use two I/O addresses to control Cash Drawer –Cash Drawer Control Register and Cash Drawer Status Register.

4.3.2.1 Cash Drawer Control Register

Register Location:	200h
Attribute:	Write
Size:	8bit



Bit 7-4: Reserved

Bit 3: Cash Drawer 2 "DOUT bit3" pin output control.

- = 1: Opening the Cash Drawer 2
- = 0: Allow close the Cash Drawer 2

Bit 2: Cash Drawer 2 "DOUT bit2" pin output control.

- = 1: Opening the Cash Drawer 2
- = 0: Allow close the Cash Drawer 2
- Bit 1: Cash Drawer 1 "DOUT bit1" pin output control.
  - = 1: Opening the Cash Drawer 1
  - = 0: Allow close the Cash Drawer 1

Bit 0: Cash Drawer 1 "DOUT bit0" pin output control.

- = 1: Opening the Cash Drawer 1
- = 0: Allow close the Cash Drawer 1

Note: Please follow the Cash Drawer control signal design to control the Cash Drawer. Suggestion control the bit3/2 or bit1/0 at the same time.

### 4.3.2.2 Cash Drawer Status Register

Register Location:	201h
Attribute:	Read
Size:	8bit



#### Bit 7-2: Reserved

Bit 1: Cash Drawer 2 "DIN bit1" pin input status.

- = 1: the Cash Drawer 2 opened or not exists.
- = 0: the Cash Drawer 2 closed.

Bit 0: Cash Drawer 1 "DIN bit0" pin input status.

- = 1: the Cash Drawer 1 opened or not exists.
- = 0: the Cash Drawer 1 closed.

### 4.3.3 Cash Drawer control command example

Use Debug.EXE program under DOS or Windows98

Command	Cash Drawer 1	Cash Drawer 2
O 200 01	Opening	Allow to close
O 200 00	Allow to close	Allow to close
Set the I/O addr	ess 200h bit0 =1 for opening Ca	ash Drawer 1 by "DOUT bit0"
pin control.		
Sot the I/O addr	acc 200h hit0 - 0 for allow close	o Coch Drowor 1

Set the I/O address 200h bit0 = 0 for allow close Cash Drawer 1.

Command	Cash Drawer 1	Cash Drawer 2		
O 200 04	Allow to close	Opening		
O 200 00	Allow to close	Allow to close		
Set the I/O address 200h bit2 = 1 for opening Cash Drawer 2 by "DOUT bit2" pin control.				
Set the I/O address 200	h bit2 = 0 for allow close Cas	sh Drawer 2.		

Command		Cash Drawer 1	Cash Drawer 2
I 201		Check status	Check status
$\triangleright$	The I/O address 201h b	it0 =1 mean the Cash Drawe	r 1 is opened or not exist.
The I/O address 201h b		it0 =0 mean the Cash Drawe	r 1 is closed.
$\triangleright$	The I/O address 201h b	it1 =1 mean the Cash Drawe	r 2 is opened or not exist.
$\triangleright$	The I/O address 201h b	it1 =0 mean the Cash Drawe	r 2 is closed.

### 4.4. Install Pole Display (Optional)

#	ltem	#	Item
1	Customer Display (VFD or LCD)	4	Pole Stud
2	Long Pole	5	Base Bracket
3	Short Pole	6	RJ-45 TO DB9 Cable



Use the following parts to install the Pole Display.



a. Connect the item 1~4.



b. Connect the item 1~4



c. Lock item 5 with 4 screws first.





e. Connect the DB-9F to any of the COM ports (1~4).

d. Assemble the Item1~5 and lock three screws.



f. The installation is completed.

### 5. Driver Installation 5.1 B55

The following procedures are for Windows 2000. Other platforms are similar.

#### 5.1.1 NetMos

Driver path: <CD>:\Common\Netmos



a. Indicate the location of the Netmos driver



b. Choose "Nm2kMf" in the Locate File window.



Device	Manager				
<u>A</u> ction	⊻iew	$\leftarrow \rightarrow$		J   🛃	2
- 🖳 ZD	TEST				
÷… 📃	Computer				
÷ —	Disk drives				
÷…🚆	Display ada	apters			
÷ <u>2</u>	DVD/CD-RC	OM drives			
÷=	i Floppy disk	controlle	rs		
÷=	Floppy disk	drives			
÷	IDE ATA/A	TAPI cont	rollers		
÷ 😫	; Keyboards				
_ 🗄 🏹	Mice and ot	ther point	ing devid	ces	
÷	Monitors				
- ÷·-	Multifunctio	on adapte	rs		
÷	Network ac	lapters			
÷	PCMCIA ad	lapters			
<b>-</b> - <b>-</b>	Ports (COM	1 & LPT)			
	ം 🖉 Commu	inications	Port (CC	OM1)	
	့နှင့် Commu	inications	Port (CC	2M2)	
	့ 🧏 Commu	inications	Port (CC	DM3)	
	ု 🖉 Commu	inications	Port (CC	DM4)	
	୍ମ 🛃 ECP Pri	nter Port	(LPT1)		
	୍ବ 🌌 NetMos	s PCI Seria	al Port ((	IOM5)	
	్ల 🍠 NetMos	s PCI Seria	al Port ((	IOM6)	

- c. Click "OK" on the Files Needed window. d. Now the Netmos driver is installed.

### 5.1.2 Elo\_Touch

Driver path: <CD>:\Common\Elo\_Touch



a. Click "Setup" on the EloWin2000 window.



b. Click "Next" on the Elo MonitorMouse for Windows 2000 Setup window.

Elo MonitorMouse for Windows	Choose one of the CDM ports listed below to use with your touchmonitor. All CDM ports reported by your system	
TOUCHSYSTEMS	are listed.  COM1 CDM2 CDM3 COM4 COM4 COM5	T
THEORYGICAL	СОМ6	
	Once you have selected a COM port, click Next to continue the installation.	
	< Back. Next > Cancel	

c. Choose "COM5" and click "Next" on the Elo MonitorMouse for Windows 2000 Setup window.



d. Click "Finish" on the Elo MonitorMouse for Windows 2000 Setup window.

System S	ettings Change				
ৃ	You must restart your computer before the new settings will take effect. Do you want to restart your computer now?				
	Yes No				
				Touch the targets from a position of normal use.	
e. Clic	k "Yes" on the System Settings	f. /	After the co	mputer restarted, touch the	
Chang	ge.	ta	rgets with y	our finger for alignment.	

Check Video Alignment	X	Elo TouchSystems Setup	×
Touch different areas on the screen. Does the cursor jump to your fingertip?		<b>E</b> TOUCHSYSTEMS	Setup Complete Setup has finished installing the Elo touchscreen driver. You can choose to view the Elo Touchscreen control panel to customize touchscreen settings after setup finishes.
Align will cancel in 30 seconds. Press Esc key to cancel now.		NTERS TORCOTORS	Click Finish to exit Setup.
Yes No			< Back Finish

g. Click "Yes" on the Check Video Alignment window.





i. If the cursor is not in sync with your finger tip, click "Align..." to execute the alignment procedure again, or click "OK"

- File Edit View Favorites Tools Help 🗢 Back 🔹 🔿 👻 🔂 🔞 Search 🖓 Folders 🖓 History 🛛 🦉 🧏 🗙 Address 🞯 Control Panel s, ę. \* Accessibility Add/Remove Add/Remove **Control Panel** Options Hardware Programs 8 ēlo Use the settings in Control Panel to personalize your computer. Date/Time Display Elo Touchscreen Select an item to view its 2 ন্ধ A Windows 2000 Support Internet Options Game Controllers Fonts B P Mouse Network and Phone and Dial-up Co... Modem ...
- j. Now the Elo\_Touch driver is installed.

#### 5.1.3 VGA

#### Driver path: <CD>:\B55\VGA)





a. Click "SETUP" On the VGA2000 window.



c. Click "Next" on the Setup Type window.

b. Click "Next" on the Welcome window.

Select Program Folder		×
	Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing Folders list. Click Next to continue.	
	Program Folders:	
	515630_730 V2.02.02 Existing Folders:	
	Accessories Administrative Tools	I
	Startup	
<i>~~</i>		
	< Back Next > Cancel	

d. Click "Next" on the Select Program Folder window..



e. Click "Next" on the Select Copying Files window.



f. Click "Finish" on the Setup Complete window.

### 5.1.4 LAN driver

Driver path: <CD>: \Common\Lan\_driver\R8139\_810x



InstallShield Wizard		X
	Welcome to the InstallShield Wizard for RTLSetup 2.50.503	
	The InstallShield® Wizard will install RTLSetup 2.50.503 on your computer. To continue, click Next.	
	< Back. Next > Cancel	

a. Click "Setup.exe" .

b. Click "Next" on the InstallShield Wizard.

•
t NIC

- c. Click "Finish" on the InstallShield Wizard.
- d. Now the Lan\_driver is installed.

### 5.2 B75

The following procedures are for Windows 2000. Other platforms are similar.

#### 5.2.1 NetMos

Driver path: <CD>:Common\Netmos







b. Choose "Nm2kMf" in the Locate File window.

Files Need	led	>	🚚 Device	Manager		
	The file 'Nm2kMf.inf' on (Unknown) is needed.	ок	Action	⊻iew ] ← →	💼 🖬	Ľ
	Type the path where the file is located, and then click	Cancel		TEST Computer Disk drives		
	Ο̈́Κ.			Display adapters DVD/CD-ROM drives	:	
	Copy files from:			Floppy disk controlle Floppy disk drives	rs "	
	D:\COMMON\Netmos\Win2000	Browse	 ≞_@3	Keyboards	rollers	
				Mice and other point Monitors	ing devices:	
				Multifunction adapte Network adapters	ers	
			÷	PCMCIA adapters		
			<b>y</b>	Ports (COM & LPT)	Port (COM1	)
				Communications Communications Communications ECP Printer Port NetMos PCI Seri	Port (COM2 Port (COM3 Port (COM4 (LPT1) al Port (COM al Port (COM	) 1) 15) 16)
c. Clic	k "OK" on the Files Needed w	/indow.	d. Now th	e Netmos driver is	s installed.	

### 5.2.2 Elo\_Touch

Driver path: <CD>:Common\Elo\_Touch



a. Click "Setup" on the EloWin2000 window.



b. Click "Next" on the Elo MonitorMouse for Windows 2000 Setup window.

<b>BORDER OF WINDOWS</b>	Choose one of the COM ports listed below to use with your touchmonitor. All COM ports reported by your system are listed.	
	Once you have selected a CDM port, click Next to continue the installation.	-

c. Choose "COM5" and click "Next" on the Elo MonitorMouse for Windows 2000 Setup window.



d. Click "Finish" on the Elo MonitorMouse for Windows 2000 Setup window.

System 9	You must restart your computer before the new settings will take effect.	۲	
1	Do you want to restart your computer now?		
	Yes No		
			Touch the targets from a position of normal use.
e. Clio	ck "Yes" on the System Settings	f. After the co	mputer restarted, touch the
Chang	ge.	targets with y	our finger for alignment.

Check Video Alignment	X	Elo TouchSystems Setup	×
Touch different areas on the screen. Does the cursor jump to your fingertip?		<b>E</b> TOUCHSYSTEMS	Setup Complete Setup has finished installing the Elo touchscreen driver. You can choose to view the Elo Touchscreen control panel to customize touchscreen settings after setup finishes.
Align will cancel in 30 seconds. Press Esc key to cancel now.		NTERS TORCOTORS	Click Finish to exit Setup.
Yes No			< Back Finish

g. Click "Yes" on the Check Video Alignment window.





i. If the cursor is not in sync with your finger tip, click "Align..." to execute the alignment procedure again, or click "OK"

- File Edit View Favorites Tools Help 🗢 Back 🔹 🔿 👻 🔂 🔞 Search 🖓 Folders 🖓 History 🛛 🦉 🧏 🗙 Address 🞯 Control Panel s, ę. \* Accessibility Add/Remove Add/Remove **Control Panel** Options Hardware Programs 8 ēlo Use the settings in Control Panel to personalize your computer. Date/Time Display Elo Touchscreen Select an item to view its 2 ঞ্জ A Windows 2000 Support Internet Options Game Controllers Fonts B P Mouse Network and Phone and Dial-up Co... Modem ...
- j. Now the Elo\_Touch driver is installed.

#### 5.2.3 VGA

#### Driver path: <CD>:\B75





a. Click "SETUP" On the My Computer window.





c. Click "Next" on the Setup Type window.



e. Click "Next" on the Select Copying Files window.

 Select Program Folder
 Image: Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing Folders list. Click Next to continue.

 Program Folders:
 Image: Setup will add program Folder select one from the existing Folders:

 Program Folders:
 Image: Setup will add program Folder select one from the existing Folders:

 Accessories
 Accessories

 Administrative Tools
 Startup

 Kext > Cancel

d. Click "Next" on the Select Program Folder window..



f. Click "Finish" on the Setup Complete window.

### 5.2.4 LAN driver

Driver path: <CD>: \Common\Lan\_driver\R8139\_810x





a. Click "Setup.exe" .

b. Click "Next" on the InstallShield Wizard.

InstallShield Wizard		🚇 Device Manager
	InstallShield Wizard Complete	] <u>A</u> ction <u>V</u> iew  ] ← →    丽   😫  ] 🕄
	Setup has finished installing RTLSetup 2.50.503 on your computer.	ZDTEST      Computer      Disk drives      Display adapters      DVD/CD-ROM drives      Floppy disk controllers      Floppy disk drives
		IDE ATA/ATAPI controllers      General Atapa and attack and a
	< Back Finish Cancel	·····································
		Multifunction adapters     Multifunction adapters
		Realtek RTL8139/810x Family Fast Ethernet NIC      Other devices
		PCMCIA adapters
		⊞≫ Ports (COM & LPT) ⊞-≪{ Sound, video and game controllers
		System devices     System Joint Serial Bus controllers

- c. Click "Finish" on the InstallShield Wizard.
- d. Now the Lan\_driver is installed.

# 6. Jumper Setting



6.1.1 Power Supply Type	* Factory Default Setting
Function	JP6
ATX Power	*2-3 SHORT
AT Power	1-2 SHORT

### 6.1.2 CMOS Operation Mode

Function	JP13 (SHORT)	JP15 (SHORT)
CMOS Normal	*1-2	*1-2
CMOS (Clear)	2-3	2-3
Note:	OPEN	SHORT



### 6.2.1 CPU FAN Speed Control

* Factory	Default	Setting
i uotory	Doradin	Octung

	, , , , , , , , , , , , , , , , , , , ,
Function	JP1 (SHORT)
Full Speed	1-2*
Middle Speed	3-4
Slow Speed	5-6
System Control	7-8

### 6.2.2 Compact Flash IDE Selection

Function	JP2
Master	*SHORT
Slave	OPEN

#### 6.2.3 Power Mode Selection

Function	JP3 (SHORT)	JP5 (SHORT)
ATX Mode	1-2*	1-2*
		3-4
		5-6
AT Mode	2-3	1-3
		2-4

### 6.2.4 Clear CMOS

Function	JP8 (SHORT)			
Clear	2-3			
Normal	1-2*			

Note:





### 6.3 I/O Connector



6.3.1 COM1/COM2 Jumper Setting : JP1

\* Factory Default Setting

COM1					COM2						
1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24
RI-1	+12V	+5V	DCD-1	+12V	+5V	RI-2	+12V	+5V	DCD-2	+12V	+5V
*			*			*			*		
	PIN9			PIN1			PIN9			PIN1	

### 6.3.2 COM3/COM4 Jumper Setting : JP2

COM3				COM4							
1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24
RI-3	+12V	+5V	DCD-3	+12V	+5V	RI-4	+12V	+5V	DCD-4	+12V	+5V
*			*			*			*		
	PIN9			PIN1			PIN9			PIN1	